

# Columbia University: School of Engineering

## Spring 2021 SEAS Final Evaluation

**Course:** COMSW3157\_001\_2021\_1 - ADVANCED PROGRAMMING

**Instructor:** Jae Lee \*

Gustaf Ahdritz, Mia Bramel, Ivy Cao, Luiz do Valle, Julia Guo, Kent Hall, Michael Jan, Lucie Le Blanc, Hollis Lehv, Cherie Liu, Erika McManus, Hans Montero, Imanol Uribe Echevarria, Shruti Verma, Maylis Whetsel, Bruk Zewdie, Alan Zhao, Tal Zussman

**Response Rate:** 151/270 (55.93 %)

### 1 - Course: Amount Learned

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	1	0.66%					
Fair	(2)	4	2.65%					
Good	(3)	14	9.27%					
Very Good	(4)	37	24.50%					
Excellent	(5)	95	62.91%					
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
151/270 (55.93%)				4.46	0.82	5.00		

### 2 - Course: Appropriateness of Workload

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	6	3.97%					
Fair	(2)	23	15.23%					
Good	(3)	36	23.84%					
Very Good	(4)	40	26.49%					
Excellent	(5)	46	30.46%					
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
151/270 (55.93%)				3.64	1.18	4.00		

### 3 - Course: Fairness of Grading Process

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	5	3.31%					
Fair	(2)	23	15.23%					
Good	(3)	31	20.53%					
Very Good	(4)	40	26.49%					
Excellent	(5)	52	34.44%					
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
151/270 (55.93%)				3.74	1.18	4.00		

### 4 - Course: Overall Quality

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	3	1.99%					
Fair	(2)	9	5.96%					
Good	(3)	25	16.56%					
Very Good	(4)	38	25.17%					
Excellent	(5)	76	50.33%					
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
151/270 (55.93%)				4.16	1.03	5.00		

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### 5 - Enter any additional comments here

Response Rate	26/270 (9.63%)
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- PLEASE stop using the mailing list, move to an appropriate online forum.
- Maybe next time don't go over for too long.
- The best CS class I've taken at Columbia so far. Very appropriate workload and great instruction from Jae and the TAs
- As someone who jumped into computer science I felt like I the gap between the content discussed in the lectures in abstract was a huge leap to what was expected of us in the labs. I think this was more my issue but nevertheless I would have liked a clearer connection of how the material related to the labs (or rather some of the implicit steps in the labs that were not clear to me as a amateur programmer). That said, I did learn a lot and do feel a competitive advantage over others switching to programming through a bootcamp.
- This class has pushed me to the next level with my programming skills and understanding of computer science in general.
- I came into this course thinking it would be impossible, but I was pleasantly surprised. Systems programming isn't a joke, but Jae has made the course more manageable after cutting the C++ content and labs 8-10. Jae says he's designed the course so that programming students can become programmers. As someone who had no programming experience before coming to Columbia, I think he definitely follows through with that pledge.
- The exams were not a good representation of course understanding
- Phenomenal class all around. I'm unsure why it's so difficult to get an A though, at least from what I know from past semester's grade cutoffs. I understand regarding the best students, but I don't know how harmful it'd be to the learning process if the grade cutoffs were more generous.
- I loved this class! I have learned and INSANE amount and it's all very useful skills (I was actually able to apply some of the skills we learned while we learning them at a hackathon I participated in).
- While letting students discover and figure many parts of materials by themselves is an effective approach, the fact that the grading rubric is hidden from the students makes it hard for them to understand how to approach the labs. Exam 1 preparation was deceiving. The sample exams focused on a small portion of what was asked in the exam itself. The problem with that is that it makes students focus only on what was given in the sample exams and neglecting the rest of the materials. Some of the labs were explained too close to the deadline and not into many details.
- I think that the labs are graded pretty harshly! I think that on the first lab, I didn't put a colon in my print statement and I got 6 points off! I think that the grading is super peculiar and I think it should be a little more relaxed.
- Very stressful course with unfair grading which does not reflect amount learned or effort put into the class. Students should not have to worry about passing this class, and the amount of emails received on the listserv is excessive. Furthermore, Prof. Lee is very inflexible and is not approachable for students. Needlessly stressful class with an insane workload which did not teach me that much.
- Sometime, the rubric is "unfair", as if x happened, y will happen for sure, so why it counts as 15 points. The lab are extremely hard, and the exams even more. Luckily the TA's are super helpful.
- Class often went over time by 5-10 minutes
- The online class didn't detract from the quality of this course at all, and it was one of the classes where being able to replay the lectures contributed most immensely to having concepts sink in.
- Definitely recommend this class. Learned so much from it
- AP is a hard course. I learned a lot and I'm glad I took it!
- Coming from someone whose CS background consisted of only 1004 and 3134, this class was tough as hell. And in hindsight, online burn out and taking too many responsibilities this semester most definitely contributed to my poor performance. I burned out after exam 2, but I also learned quite a bit. To be honest, I essentially gave up in the end for lab 6 and 7 just cause I was so burned out of online. This class taught me systems programming isn't for me, but also taught me a lot about C, Git, and important skills I'll probably use later. Jae's right that even those who do poorly learn something from this class. I only wish I hadn't taken this class online, my poor grades probably would have changed if it weren't for Zoom semester burn out. Pros: This class is extremely well organized. The most organized class I've taken at Columbia. The TAs are A+. They are super knowledgeable and responsive. Seriously, best in class TAs here at Columbia. Jae is a good person. I don't know what he was like a few years ago, but I was deathly scared of Jae coming into this class, but over the semester, it became apparent to me that despite the amount of work and fast pace of the class, at the end of the day, Jae clearly cares about his students and their learning. Jae's a solid lecturer too. You will take something out from this class, regardless of your grade. For me personally, I only got to truly learn up until around the netcat part of the class. I half-assed the web server, I really couldn't tell you how that works. Regardless, I learned a lot about C, Git, command line arguments, and some web stuff. Comparing myself from 12 weeks ago, I'm still a horrible AP student, but I'm a better CS student. Cons: The listserv. I don't get why Jae uses it. Jae, please switch to Piazza. With all the commotion around "don't respond to ANN emails" "don't do this when using the listserv" and the sheer amount of spam your inbox takes, it discouraged me to ask questions. Jae isn't an approachable guy. He's intimidating. I know this isn't Jae's fault as he's actually a nice guy, but I chose not to ask questions to him because it felt like I was wasting his time by asking low level questions that weren't as "advanced" as students with more CS experience. This class never felt beginner friendly and I felt like I was always playing catch up. I ended up seriously questioning my CS major multiple times while taking this class. If imposter syndrome was a class, AP would be the epitome of it. Nothing is more soul crushing than to not understand a lot of the ANN emails and classmate questions. Chill out with the prerecorded lectures. They were useful to go back to, but the sheer amount Jae had us watch made me lag behind in the class. Overall, this class is a soul crusher, essentially what feels like a weed out class for computer science. If there were any changes I'd make, I'd encourage anyone to take more computer science classes before this class. I was burnt out and not prepared for the class. The department should encourage students to take theory or fundies before taking this class. I genuinely believe that Jae's "follow the river and you will find C" has a lot of good meaning, but for me, an absolute newbie at CS, the gap between 3134 and this class was too much and I don't think I took away what Jae meant for the class. Sure, I can make a linked list in C and understand what Git is, but can I make a mdb-lookup server? No. Maybe the material will click for me years later, but for now, it doesn't. I can only hope I do well enough on the final that I don't fail this class, but I still learned stuff in the class. Jae and the TA team are great, and despite any critical comments I made, I learned stuff, this class has a lot of purpose, and I feel like it was more so me not being ready for this class. I'll go get a Roti Roll now. Thanks Jae and TAs.
- This course is hard. However, it is extremely fair. For someone looking to major in CS, this is one of the fairest courses you can take in my opinion. If you have a well-documented, working solution, you will get 100 on that assignment. Despite a heavy workload and difficult course content, I really enjoyed this course and I think it is more than fair.
- Strict grading but we knew that in advance! Professor Jae gives you everything you need to succeed in this course and so how you do is really up to you.
- I'm a little salty about getting a C on a homework assignment due to a one character typo, but that's the name of the game I guess.
- I learn more efficiently from TA review sessions than from lectures.
- I dislike the policy on "shotgun" multiple-choice answers -- it feels far too punishing. The work required for the labs was very high
- Exams favors those who have 10k hours of programming.
- The course is really hard and time consuming
- 3157 = 2^5 + 5^5. It is also my phone passcode.

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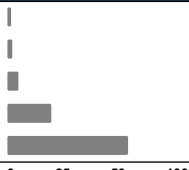

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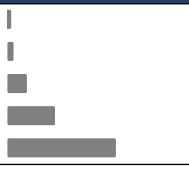

### 6 - Instructor: Organization and Preparation

Jae Lee

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	3	1.99%					
Fair	(2)	4	2.65%					
Good	(3)	9	5.96%					
Very Good	(4)	36	23.84%					
Excellent	(5)	99	65.56%					
Response Rate				Mean	STD	Median		
151/270 (55.93%)				4.48	0.88	5.00		

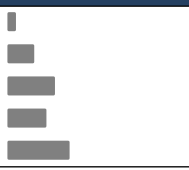

### 7 - Instructor: Classroom Delivery

Jae Lee

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	2	1.32%					
Fair	(2)	5	3.31%					
Good	(3)	16	10.60%					
Very Good	(4)	39	25.83%					
Excellent	(5)	89	58.94%					
Response Rate				Mean	STD	Median		
151/270 (55.93%)				4.38	0.90	5.00		

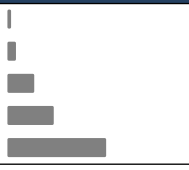

### 8 - Instructor: Approachability

Jae Lee

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	7	4.64%					
Fair	(2)	22	14.57%					
Good	(3)	39	25.83%					
Very Good	(4)	32	21.19%					
Excellent	(5)	51	33.77%					
Response Rate				Mean	STD	Median		
151/270 (55.93%)				3.65	1.22	4.00		

### 9 - Instructor: Overall Quality

Jae Lee

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	3	1.99%					
Fair	(2)	7	4.64%					
Good	(3)	22	14.57%					
Very Good	(4)	38	25.17%					
Excellent	(5)	81	53.64%					
Response Rate				Mean	STD	Median		
151/270 (55.93%)				4.24	1.00	5.00		

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### 10 - Would you nominate this professor for the SEAS Distinguished Faculty Award?

Jae Lee

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	93	70.45%		1.30 			
No	(2)	39	29.55%					
				0 25 50 100	Instructor			
Response Rate				Mean		STD		Median
132/270 (48.89%)				1.30		0.46		1.00

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### 11 - If so, please explain why

Jae Lee

Response Rate	48/270 (17.78%)
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- Excellent, knowledgeable teacher. Concepts explained extremely clearly, labs are designed in very fair and interesting ways.
- Awesome teacher.
- He is very organized and fair on the course.
- Straight forward class
- He is the only professor that has always been prepared thoroughly for class, delivers the material like no other, and actually cares about whether his students understand what's happening in the class. Jae has had the best quality of lectures and accommodated the online setting flawlessly. If someone were to get the award it should be Jae.
- Jae's explanation of detail, from the ground-up, is fantastic. He makes sure we understand every single detail of every single function that may be used in a lengthy program. Never before have I been able to confidently say I understand such programs (built mostly using library functions, which are notoriously confusing/"a black box"). Even though it takes a long time to go through such detail, and may be tedious, Jae has taught me how important it is to do so. I am so much more confident in my programming abilities now.
- He is dedicated and approachable. I learned a great deal of stuff.
- Going into AP I was terrified, but Jae really taught me a lot this semester and I thoroughly enjoyed this challenge! Jae was very accommodating and understanding during the pandemic semester and I really appreciated that!
- Jae truly takes the time to make sure students fully understand the material. Even with virtual learning, Jae does an amazing job explaining the sometimes difficult material and answering students' questions whether in class or through the Listserv. Also a super nice guy who seems to enjoy what he does.
- Jae is superb at effectively communicating the course material, clarifying any questions about topics, and makes difficult concepts very clear.
- Professor Lee's class was by far the most organized and well-planned course I've taken at the university. It's clear how his curriculum accumulates throughout the semester to make the material as constructive to the student as possible. This, in addition to his excellent delivery of information to the class, made this semester a challenging, yet rewarding experience.
- His class materials and lectures reflect not just the depth of his knowledge, but also his thoughtfulness in carefully organizing the materials together. Amazing teacher.
- Of all the professors I've had at Columbia, Jae is the most committed to his students' learning. While his lectures often go over time (and that's not his fault - there's just a lot of material to cover in a shortened semester), he always stays back to answer everyone's questions. In addition, Jae is incredibly transparent, and he tries to answer everything he possibly can. I can't really say the same for many other professors at Columbia.
- Learned so much, Jae is clearly very knowledgeable and very passionate
- Hes a g
- Jae is incredibly passionate about the class he teaches. I went from knowing nothing about C/Unix/Socket Programming to feeling ready to tackle real world challenges with the topics I learned.
- All reasons listed above. He had transferred his AP class to a virtual format that actually runs smoothly. Additionally, his teaching style is amazing, and it's complemented by his thoroughness in lectures. You feel like you actually learn.
- This is a very good course. Jae is the best among all the lecturers.
- He manages a very large ecosystem for this class and does so extremely well. There's a lot that goes into running the AP class as it exists now and he does so perfectly.
- The amount of effort that was put into designing this course and running it is unlike what I've seen in other courses, in and out of CS. Besides being very good about answering questions clearly and teaching in an engaging manner, Prof. Lee is also very open about what is expected from the students to do well in the course.
- Nice teaching
- Definitely one of the best CS professors I have had so far. He truly goes out of his way to make sure that we all understand the material and that we have everything we need to succeed in this course and beyond!
- professor Lee knows the course content through and through, and its this quality that is reflected in his teaching where while listening to him, I feel like I am gaining multiple perspectives all at once on just one small thing. He tries to go over as much as he can, adds a little comedy and also is very organized with his lecture. he always lets us know exactly what he is going to teach us and how and then continues to signpost throughout his lecture and somehow I never felt lost.
- Great course, great lecturer!!
- He is incredibly clear, structured, and skilled at explaining content in an orderly fashion. I found the course to be one of the most well-designed I've done during my time at Columbia.
- Jae explains concepts clear enough so people can understand him but with enough complexity that they can appreciate their understanding. He gives more than enough examples and demos during lectures to prepare students for labs and exams.
- Professor Jae Lee was super organized and made expectations for this class extremely clear from Day 1. His course is structured beautifully and ensures that, by the end, you have a concrete project that you built yourself, entirely from scratch, a unique and fun experience compared to other CS courses.
- This by far the most well-organized and instructive class I ever had. I think Jae is an excellent lecturer.
- In my time here at Columbia, I feel that this class has been one of the most impactful/I have learned the most. I am walking out of this course knowing so much more than I did coming in.
- Has the right amount of humor and is just entertaining to listen to. He can explain content concisely and helps you realize the impact of what you are learning.
- Jae does his best to deliver the course material. Although AP concepts might not necessarily be easy to understand, he tries his best to communicate the best ways of approaching and understanding the concepts, the labs, and the exams.
- Jae is an institution.
- It's clear that Jae focuses on CS education. Many friends who go to peer institutions complain that many of their CS faculty are well established researchers, but are horrible teachers and view undergraduate teaching as a waste of time. Jae is the complete opposite of that. Jae, despite his notorious reputation, obviously designed a well thought out curriculum, has CS experience both in the private sector and academia, and truly is invested in undergraduate CS education. I decided to major in CS at Columbia to learn something new, and have been consistently blown away by the faculty, and Jae is no exception. From Cannon, Blaer, and Ansaf, Jae continues the line of professors who invest their time for student success.
- No exaggeration, this was the best course I have ever taken in my life. Every assignment had a purpose to build up to the final project of lab 7. The exams were fair and really tested understanding, not memorization. The lectures and websites were very well organized. Jae's speaking was engaging.
- I really appreciated Jae's honesty and blatant-ness with us. I can see how some people may not like it, but I personally found it refreshing. Aside from this, Jae is an amazing lecturer and also makes class fun with some jokes here and there.
- AP was a very worthwhile class that taught me that paying attention to the intricate details of code can make you a much better programmer. Jae is a great lecturer and this class taught me more than any other Columbia class that I have taken.
- Jae is an excellent professor and explains AP's highly complex concepts very well

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- The care and passion Jae puts into this course makes me love it even more. He's just great give him that sweet sweet distinguished faculty award.
- Stressful class. It is unreasonable to go over time every lecture and assign additional videos to watch regularly.
- Jae teaches in a very clear concise no nonsense way that really helps students learn quickly. He always has the best interests of students in mind and it shows through his teaching.
- Jae is a great professor that challenges students to do their best!
- This is one of the most rewarding class I've taken at Columbia. Jae is extremely clear in his explanation and truly wants his students to succeed. Thanks for all that you've done to design this course and teach this course in such a deliberate, clear, and concise manner. I've personally learned so much in this course.
- Amazing professor who takes time to make sure his students understand the material!
- Jae's lecture is terrific.
- It is very obvious how much Professor Jae cares about his students. He is an extremely fair grader and wants the best for each student, and is willing to put forward all that he can in order to guide a student to the best possible outcome. On two occasions he met with me in office hours and stayed nearly an hour past when the office hours were supposed to end, both times, to help me to work through something that I wasn't quite understanding. He is a very good listener and tries to trace where you are going wrong instead of just giving you what the correct answer is supposed to be, or brushing you off with the common 'eh, you'll get it eventually' attitude, or judging you for not getting it right away. He cares about students who try, and tries to push them to become the best they can be. He is also extremely organized and forces his students to be as well, which I already can say has already helped me tremendously in both my CS classes, and in life.
- Jae constructed this class masterfully. Sometimes Jae has black-and-white thinking he expresses and I encourage him to see the gray in situations.
- Jae is engaging and good at explaining difficult concepts. His lectures have a conversational feel, benefited by his sense of humor. His class is the one of the most organized I've taken. The first day, we were briefed on the grading of the course, the hours it should take, and many other details. The homework and exam due dates have been posted on the website since day 1. Each exam is preceded by multiple sample exams with answer keys and review sessions. The lectures, homework and exams align well and are on interesting and challenging topics. Jae is a good lecturer, runs a very organized course, and is very open and honest about his expectations.
- pretty sure the definition of "Jae Woo Lee" is good programming teacher. it is an honor of a lifetime to have painstakingly found the sea, with him holding the metaphorical sword of 3157 that knighted me into a programmer, and now I am complete (well, after the final tomorrow). seas distinguished faculty undersells how rewarding this class is. all students should take the opportunity to have this man's radiance shine down upon them

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### 12 - Overall Quality

**Alan Zhao**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	4.55%					
Good	(3)	2	9.09%					
Very Good	(4)	6	27.27%					
Excellent	(5)	13	59.09%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
22/270 (8.15%)				4.41		0.85		5.00

### 12 - Overall Quality

**Bruk Zewdie**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	6.25%					
Good	(3)	2	12.50%					
Very Good	(4)	3	18.75%					
Excellent	(5)	10	62.50%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
16/270 (5.93%)				4.38		0.96		5.00

### 12 - Overall Quality

**Cherie Liu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	3	18.75%					
Very Good	(4)	1	6.25%					
Excellent	(5)	12	75.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
16/270 (5.93%)				4.56		0.81		5.00

### 12 - Overall Quality

**Erika McManus**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	1	7.69%					
Very Good	(4)	2	15.38%					
Excellent	(5)	10	76.92%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
13/270 (4.81%)				4.69		0.63		5.00

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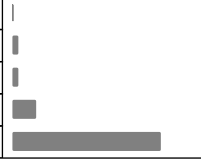
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### 12 - Overall Quality

**Gustaf Ahdritz**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	3.23%					
Good	(3)	1	3.23%					
Very Good	(4)	4	12.90%					
Excellent	(5)	25	80.65%					
				02550100	TA			
Response Rate				Mean		STD		Median
31/270 (11.48%)				4.71		0.69		5.00

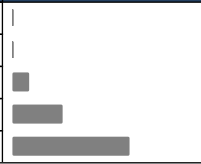
### 12 - Overall Quality

**Hans Montero**

Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%		<div>4.71</div>				
Fair	(2)	1	3.57%						
Good	(3)	1	3.57%						
Very Good	(4)	3	10.71%						
Excellent	(5)	23	82.14%						
				02550100	TA				
Response Rate				Mean		STD		Median	
28/270 (10.37%)				4.71		0.71		5.00	

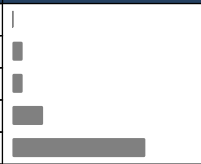
### 12 - Overall Quality

**Hollis Lehv**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		4.55			
Fair	(2)	0	0.00%					
Good	(3)	2	9.09%					
Very Good	(4)	6	27.27%					
Excellent	(5)	14	63.64%					
				02550100	TA			
Response Rate				Mean		STD		Median
22/270 (8.15%)				4.55		0.67		5.00

### 12 - Overall Quality

**Imanol Uribe Echevarria**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		4.56			
Fair	(2)	1	5.56%					
Good	(3)	1	5.56%					
Very Good	(4)	3	16.67%					
Excellent	(5)	13	72.22%					
				02550100	TA			
Response Rate				Mean		STD		Median
18/270 (6.67%)				4.56		0.86		5.00



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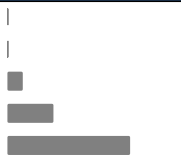
**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)

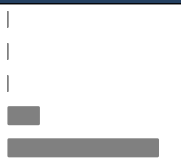
### 12 - Overall Quality

Ivy Cao

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			<div>4.58</div>		
Fair	(2)	0	0.00%					
Good	(3)	1	8.33%	■				
Very Good	(4)	3	25.00%	■				
Excellent	(5)	8	66.67%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
12/270 (4.44%)				4.58		0.67		5.00


### 12 - Overall Quality

Julia Guo

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			<div>4.82</div>		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	17.65%	■				
Excellent	(5)	14	82.35%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
17/270 (6.30%)				4.82		0.39		5.00

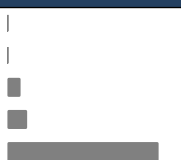
### 12 - Overall Quality

Kent Hall

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			<div>4.45</div>		
Fair	(2)	2	10.00%	■				
Good	(3)	1	5.00%	■				
Very Good	(4)	3	15.00%	■				
Excellent	(5)	14	70.00%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
20/270 (7.41%)				4.45		1.00		5.00

### 12 - Overall Quality

Lucie Le Blanc

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			<div>4.75</div>		
Fair	(2)	0	0.00%					
Good	(3)	2	7.14%	■				
Very Good	(4)	3	10.71%	■				
Excellent	(5)	23	82.14%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
28/270 (10.37%)				4.75		0.59		5.00

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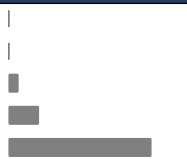
**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)


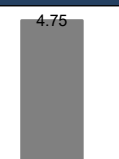
### 12 - Overall Quality

#### Luiz do Valle

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%		<div>4.72</div>						
Fair	(2)	0	0.00%								
Good	(3)	1	5.56%								
Very Good	(4)	3	16.67%								
Excellent	(5)	14	77.78%								
				0	25	50	100	TA			
Response Rate				Mean		STD		Median			
18/270 (6.67%)				4.72		0.57		5.00			

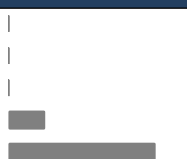


### 12 - Overall Quality

#### Maylis Whetsel

Response Option	Weight	Frequency	Percent	Percent Responses	Means					
Poor	(1)	0	0.00%			4.75	TA			
Fair	(2)	1	2.27%							
Good	(3)	1	2.27%							
Very Good	(4)	6	13.64%							
Excellent	(5)	36	81.82%							
				0	25	50	100			
Response Rate				Mean		STD		Median		
44/270 (16.30%)				4.75		0.61		5.00		

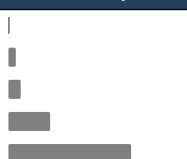
### 12 - Overall Quality

#### Mia Bramel

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%								
Fair	(2)	0	0.00%								
Good	(3)	0	0.00%								
Very Good	(4)	8	20.00%								
Excellent	(5)	32	80.00%								
				0	25	50	100	TA			
Response Rate				Mean			STD		Median		
40/270 (14.81%)				4.80			0.41		5.00		

### 12 - Overall Quality

#### Michael Jan

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%		<div>4.52</div>						
Fair	(2)	3	4.00%								
Good	(3)	5	6.67%								
Very Good	(4)	17	22.67%								
Excellent	(5)	50	66.67%								
				0	25	50	100	TA			
Response Rate				Mean		STD		Median			
75/270 (27.78%)				4.52		0.79		5.00			

# Columbia University: School of Engineering

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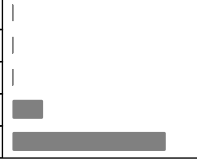
**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)

### 12 - Overall Quality

**Shruti Verma**

Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%		<div>4.83</div> <div>TA</div> <div></div> <div></div>				
Fair	(2)	0	0.00%						
Good	(3)	0	0.00%						
Very Good	(4)	3	16.67%						
Excellent	(5)	15	83.33%						
				02550100					
Response Rate				Mean		STD		Median	
18/270 (6.67%)				4.83		0.38		5.00	



### 12 - Overall Quality

**Tal Zussman**

Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%		<div><div>4.90</div></div>				
Fair	(2)	0	0.00%						
Good	(3)	0	0.00%						
Very Good	(4)	2	10.00%	<div></div>					
Excellent	(5)	18	90.00%	<div></div>					
				02550100	TA				
Response Rate				Mean		STD		Median	
20/270 (7.41%)				4.90		0.31		5.00	


### 12 - Overall Quality

**Alan Zhao, Bruk Zewdie, Cherie Liu, Erika McManus, Gustaf Ahdritz, Hans Montero, Hollis Lehv, Imanol Uribe Echevarria, Ivy Cao, Julia Guo, Kent Hall, Lucie Le Blanc, Luiz do Valle, Maylis Whetsel, Mia Bramel, Michael Jan, Shruti Verma, Tal Zussman**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Poor	(1)	0	0.00%								
Fair	(2)	11	2.40%								
Good	(3)	24	5.24%								
Very Good	(4)	79	17.25%								
Excellent	(5)	344	75.11%								
				0	25	50	100	TA			
Response Rate				Mean		STD		Median			
				4.65		0.69		5.00			

### 13 - Knowledgeability

**Alan Zhao**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		4.57	TA		
Fair	(2)	0	0.00%					
Good	(3)	1	4.76%					
Very Good	(4)	7	33.33%					
Excellent	(5)	13	61.90%					
				02550100				
Response Rate				Mean		STD		Median
21/270 (7.78%)				4.57		0.60		5.00

# Columbia University: School of Engineering

## Spring 2021 SEAS Final Evaluation

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**Response Rate:** 151/270 (55.93 %)

### 13 - Knowledgeability

**Bruk Zewdie**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.64		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	5	35.71%	■				
Excellent	(5)	9	64.29%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
14/270 (5.19%)				4.64		0.50		5.00

### 13 - Knowledgeability

**Cherie Liu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.71		
Fair	(2)	0	0.00%					
Good	(3)	1	7.14%	■				
Very Good	(4)	2	14.29%	■				
Excellent	(5)	11	78.57%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
14/270 (5.19%)				4.71		0.61		5.00

### 13 - Knowledgeability

**Erika McManus**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.75		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	25.00%	■				
Excellent	(5)	9	75.00%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
12/270 (4.44%)				4.75		0.45		5.00

### 13 - Knowledgeability

**Gustaf Ahdritz**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.82		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	5	17.86%	■				
Excellent	(5)	23	82.14%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
28/270 (10.37%)				4.82		0.39		5.00

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**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)

### 13 - Knowledgeability

Hans Montero

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.85		
Fair	(2)	0	0.00%					
Good	(3)	1	3.85%					
Very Good	(4)	2	7.69%					
Excellent	(5)	23	88.46%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
26/270 (9.63%)				4.85		0.46		5.00

### 13 - Knowledgeability

Hollis Lehv

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.65		
Fair	(2)	0	0.00%					
Good	(3)	1	5.00%					
Very Good	(4)	5	25.00%					
Excellent	(5)	14	70.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
20/270 (7.41%)				4.65		0.59		5.00

### 13 - Knowledgeability

Imanol Uribe Echevarria

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.65		
Fair	(2)	1	5.88%					
Good	(3)	0	0.00%					
Very Good	(4)	3	17.65%					
Excellent	(5)	13	76.47%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
17/270 (6.30%)				4.65		0.79		5.00

### 13 - Knowledgeability

Ivy Cao

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.60		
Fair	(2)	0	0.00%					
Good	(3)	1	10.00%					
Very Good	(4)	2	20.00%					
Excellent	(5)	7	70.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
10/270 (3.70%)				4.60		0.70		5.00

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**Response Rate:** 151/270 (55.93 %)

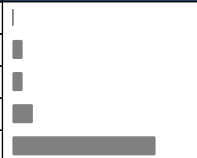
### 13 - Knowledgeability

**Julia Guo**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%	<div><div></div></div>	<div><div>4.73</div></div>	TA		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	4	26.67%	<div><div></div></div>				
Excellent	(5)	11	73.33%	<div><div></div></div>				
				<div><div>02550100</div></div>				
Response Rate				Mean	STD		Median	
15/270 (5.56%)				4.73	0.46		5.00	

### 13 - Knowledgeability

**Kent Hall**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		<div>4.61</div>			
Fair	(2)	1	5.56%					
Good	(3)	1	5.56%					
Very Good	(4)	2	11.11%					
Excellent	(5)	14	77.78%					
				02550100	TA			
Response Rate				Mean		STD		Median
18/270 (6.67%)				4.61		0.85		5.00

### 13 - Knowledgeability

**Lucie Le Blanc**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		<div><div></div><div>4.77</div></div>			
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	6	23.08%	<div></div>				
Excellent	(5)	20	76.92%	<div></div>				
				02550100	TA			
Response Rate				Mean		STD		Median
26/270 (9.63%)				4.77		0.43		5.00

### 13 - Knowledgeability

**Luiz do Valle**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		<div><div>4.82</div></div>			
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	17.65%	<div></div>				
Excellent	(5)	14	82.35%	<div></div>				
				02550100	TA			
Response Rate				Mean		STD		Median
17/270 (6.30%)				4.82		0.39		5.00

# Columbia University: School of Engineering

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**Response Rate:** 151/270 (55.93 %)


### 13 - Knowledgeability

**Maylis Whetsel**

Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%		<div>4.77</div> <div>TA</div> <div></div> <div></div>				
Fair	(2)	1	2.33%						
Good	(3)	0	0.00%						
Very Good	(4)	7	16.28%						
Excellent	(5)	35	81.40%						
				02550100					
Response Rate				Mean		STD		Median	
43/270 (15.93%)				4.77		0.57		5.00	

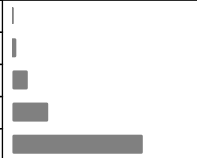
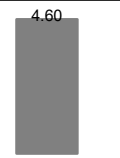
### 13 - Knowledgeability

**Mia Bramel**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		<div>4.77</div> <div>TA</div> <div></div> <div></div>			
Fair	(2)	0	0.00%					
Good	(3)	1	2.56%					
Very Good	(4)	7	17.95%					
Excellent	(5)	31	79.49%					
				02550100				
Response Rate				Mean		STD		Median
39/270 (14.44%)				4.77		0.48		5.00



### 13 - Knowledgeability

**Michael Jan**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	1.39%					
Good	(3)	6	8.33%					
Very Good	(4)	14	19.44%					
Excellent	(5)	51	70.83%					
				02550100	TA			
Response Rate				Mean		STD		Median
72/270 (26.67%)				4.60		0.71		5.00

### 13 - Knowledgeability

**Shruti Verma**

Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%		4.82	TA			
Fair	(2)	0	0.00%						
Good	(3)	0	0.00%						
Very Good	(4)	3	17.65%						
Excellent	(5)	14	82.35%						
									
				02550100					
Response Rate				Mean		STD		Median	
17/270 (6.30%)				4.82		0.39		5.00	

# Columbia University: School of Engineering

## Spring 2021 SEAS Final Evaluation

**Course:** COMSW3157\_001\_2021\_1 - ADVANCED PROGRAMMING

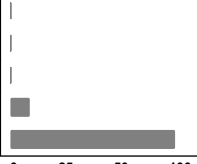
**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)


### 13 - Knowledgeability

**Tal Zussman**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.89		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	10.53%	■				
Excellent	(5)	17	89.47%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
19/270 (7.04%)				4.89		0.32		5.00

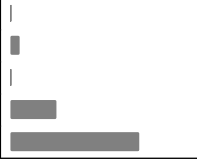
### 13 - Knowledgeability

Alan Zhao, Bruk Zewdie, Cherie Liu, Erika McManus, Gustaf Ahdritz, Hans Montero, Hollis Lehv, Imanol Uribe Echevarria, Ivy Cao, Julia Guo, Kent Hall, Lucie Le Blanc, Luiz do Valle, Maylis Whetsel, Mia Bramel, Michael Jan, Shruti Verma, Tal Zussman

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.72		
Fair	(2)	4	0.93%					
Good	(3)	13	3.04%					
Very Good	(4)	82	19.16%	■				
Excellent	(5)	329	76.87%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
				4.72		0.57		5.00


### 14 - Approachability

**Alan Zhao**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.60		
Fair	(2)	1	5.00%	■				
Good	(3)	0	0.00%					
Very Good	(4)	5	25.00%	■				
Excellent	(5)	14	70.00%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
20/270 (7.41%)				4.60		0.75		5.00

### 14 - Approachability

**Bruk Zewdie**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.71		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	4	28.57%	■				
Excellent	(5)	10	71.43%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
14/270 (5.19%)				4.71		0.47		5.00



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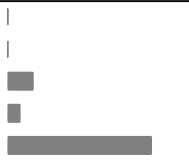
**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)

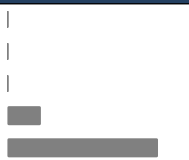
### 14 - Approachability

Cherie Liu

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.64		
Fair	(2)	0	0.00%					
Good	(3)	2	14.29%	■				
Very Good	(4)	1	7.14%	■				
Excellent	(5)	11	78.57%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
14/270 (5.19%)				4.64		0.74		5.00


### 14 - Approachability

Erika McManus

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.82		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	18.18%	■				
Excellent	(5)	9	81.82%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
11/270 (4.07%)				4.82		0.40		5.00

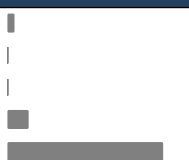
### 14 - Approachability

Gustaf Ahdritz

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.79		
Fair	(2)	1	3.45%					
Good	(3)	0	0.00%					
Very Good	(4)	3	10.34%	■				
Excellent	(5)	25	86.21%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
29/270 (10.74%)				4.79		0.62		5.00

### 14 - Approachability

Hans Montero

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	1	3.85%	■		4.73		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	11.54%	■				
Excellent	(5)	22	84.62%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
26/270 (9.63%)				4.73		0.83		5.00

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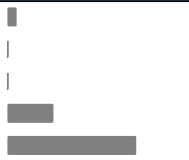

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**Response Rate:** 151/270 (55.93 %)

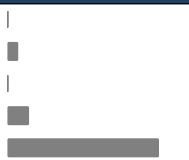

### 14 - Approachability

Hollis Lehv

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	1	5.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	5	25.00%					
Excellent	(5)	14	70.00%					
Response Rate				Mean	STD	Median		
20/270 (7.41%)				4.55	0.94	5.00		

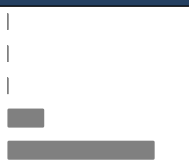

### 14 - Approachability

Imanol Uribe Echevarria

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	5.88%					
Good	(3)	0	0.00%					
Very Good	(4)	2	11.76%					
Excellent	(5)	14	82.35%					
Response Rate				Mean	STD	Median		
17/270 (6.30%)				4.71	0.77	5.00		

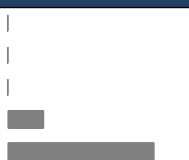

### 14 - Approachability

Ivy Cao

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	20.00%					
Excellent	(5)	8	80.00%					
Response Rate				Mean	STD	Median		
10/270 (3.70%)				4.80	0.42	5.00		

### 14 - Approachability

Julia Guo

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	20.00%					
Excellent	(5)	12	80.00%					
Response Rate				Mean	STD	Median		
15/270 (5.56%)				4.80	0.41	5.00		

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**Response Rate:** 151/270 (55.93 %)

### 14 - Approachability

#### Kent Hall

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Poor	(1)	0	0.00%		4.50
Fair	(2)	2	11.11%	■	
Good	(3)	0	0.00%		
Very Good	(4)	3	16.67%	■	
Excellent	(5)	13	72.22%	■	
				0 25 50 100	TA
Response Rate				Mean	STD
18/270 (6.67%)				4.50	0.99
				Median	
				5.00	

### 14 - Approachability

#### Lucie Le Blanc

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Poor	(1)	0	0.00%		4.85
Fair	(2)	0	0.00%		
Good	(3)	0	0.00%		
Very Good	(4)	4	15.38%	■	
Excellent	(5)	22	84.62%	■	
				0 25 50 100	TA
Response Rate				Mean	STD
26/270 (9.63%)				4.85	0.37
				Median	
				5.00	

### 14 - Approachability

#### Luiz do Valle

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Poor	(1)	0	0.00%		4.81
Fair	(2)	0	0.00%		
Good	(3)	0	0.00%		
Very Good	(4)	3	18.75%	■	
Excellent	(5)	13	81.25%	■	
				0 25 50 100	TA
Response Rate				Mean	STD
16/270 (5.93%)				4.81	0.40
				Median	
				5.00	

### 14 - Approachability

#### Maylis Whetsel

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Poor	(1)	0	0.00%		4.74
Fair	(2)	1	2.38%		
Good	(3)	0	0.00%		
Very Good	(4)	8	19.05%	■	
Excellent	(5)	33	78.57%	■	
				0 25 50 100	TA
Response Rate				Mean	STD
42/270 (15.56%)				4.74	0.59
				Median	
				5.00	

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**Response Rate:** 151/270 (55.93 %)

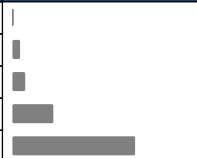
### 14 - Approachability

**Mia Bramel**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		4.82	TA		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	7	18.42%					
Excellent	(5)	31	81.58%					
				02550100				
Response Rate				Mean		STD		Median
38/270 (14.07%)				4.82		0.39		5.00

### 14 - Approachability

**Michael Jan**

Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%		<div>4.51</div> <div>TA</div> <div></div> <div></div>				
Fair	(2)	3	4.17%						
Good	(3)	5	6.94%						
Very Good	(4)	16	22.22%						
Excellent	(5)	48	66.67%						
				02550100					
Response Rate				Mean		STD		Median	
72/270 (26.67%)				4.51		0.80		5.00	

### 14 - Approachability

**Shruti Verma**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		<div><div></div><div>4.88</div></div>			
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	11.76%	<div></div>				
Excellent	(5)	15	88.24%	<div></div>				
				02550100	TA			
Response Rate				Mean		STD		Median
17/270 (6.30%)				4.88		0.33		5.00

### 14 - Approachability

**Tal Zussman**

Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%	<div></div>	<div>5.00</div>				
Fair	(2)	0	0.00%						
Good	(3)	0	0.00%						
Very Good	(4)	0	0.00%						
Excellent	(5)	18	100.00%	<div></div>					
				<div>02550100</div>					
Response Rate				Mean		STD		Median	
18/270 (6.67%)				5.00		0.00		5.00	

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**Response Rate:** 151/270 (55.93 %)

### 14 - Approachability

Alan Zhao, Bruk Zewdie, Cherie Liu, Erika McManus, Gustaf Ahdritz, Hans Montero, Hollis Lehv, Imanol Uribe Echevarria, Ivy Cao, Julia Guo, Kent Hall, Lucie Le Blanc, Luiz do Valle, Maylis Whetsel, Mia Bramel, Michael Jan, Shruti Verma, Tal Zussman

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	2	0.47%			4.71	TA	
Fair	(2)	9	2.13%					
Good	(3)	7	1.65%					
Very Good	(4)	73	17.26%					
Excellent	(5)	332	78.49%					
				0 25 50 100	TA			
Response Rate				Mean	STD	Median		
				4.71	0.65	5.00		

### 15 - Availability

Alan Zhao

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.60	TA	
Fair	(2)	1	5.00%					
Good	(3)	0	0.00%					
Very Good	(4)	5	25.00%					
Excellent	(5)	14	70.00%					
				0 25 50 100	TA			
Response Rate				Mean	STD	Median		
20/270 (7.41%)				4.60	0.75	5.00		

### 15 - Availability

Bruk Zewdie

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.75	TA	
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	25.00%					
Excellent	(5)	9	75.00%					
				0 25 50 100	TA			
Response Rate				Mean	STD	Median		
12/270 (4.44%)				4.75	0.45	5.00		

### 15 - Availability

Cherie Liu

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.77	TA	
Fair	(2)	0	0.00%					
Good	(3)	1	7.69%					
Very Good	(4)	1	7.69%					
Excellent	(5)	11	84.62%					
				0 25 50 100	TA			
Response Rate				Mean	STD	Median		
13/270 (4.81%)				4.77	0.60	5.00		

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**Response Rate:** 151/270 (55.93 %)


### 15 - Availability

**Erika McManus**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	27.27%	■				
Excellent	(5)	8	72.73%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>	<b>STD</b>	<b>Median</b>		
11/270 (4.07%)				4.73	0.47	5.00		


### 15 - Availability

**Gustaf Ahdritz**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	3.57%					
Good	(3)	0	0.00%					
Very Good	(4)	5	17.86%	■				
Excellent	(5)	22	78.57%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>	<b>STD</b>	<b>Median</b>		
28/270 (10.37%)				4.71	0.66	5.00		


### 15 - Availability

**Hans Montero**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	12.00%	■				
Excellent	(5)	22	88.00%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>	<b>STD</b>	<b>Median</b>		
25/270 (9.26%)				4.88	0.33	5.00		

### 15 - Availability

**Hollis Lehv**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	5.26%					
Good	(3)	0	0.00%					
Very Good	(4)	6	31.58%	■				
Excellent	(5)	12	63.16%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>	<b>STD</b>	<b>Median</b>		
19/270 (7.04%)				4.53	0.77	5.00		

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**Response Rate:** 151/270 (55.93 %)

### 15 - Availability

Imanol Uribe Echevarria

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	6.25%					
Good	(3)	0	0.00%					
Very Good	(4)	4	25.00%					
Excellent	(5)	11	68.75%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
16/270 (5.93%)				4.56		0.81		5.00

### 15 - Availability

Ivy Cao

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	33.33%					
Excellent	(5)	6	66.67%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
9/270 (3.33%)				4.67		0.50		5.00

### 15 - Availability

Julia Guo

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	14.29%					
Excellent	(5)	12	85.71%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
14/270 (5.19%)				4.86		0.36		5.00

### 15 - Availability

Kent Hall

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	3	17.65%					
Good	(3)	1	5.88%					
Very Good	(4)	2	11.76%					
Excellent	(5)	11	64.71%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
17/270 (6.30%)				4.24		1.20		5.00

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**Response Rate:** 151/270 (55.93 %)

### 15 - Availability

Lucie Le Blanc

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	4.00%					
Good	(3)	1	4.00%					
Very Good	(4)	5	20.00%					
Excellent	(5)	18	72.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
25/270 (9.26%)				4.60		0.76		5.00

### 15 - Availability

Luiz do Valle

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	20.00%					
Excellent	(5)	12	80.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
15/270 (5.56%)				4.80		0.41		5.00

### 15 - Availability

Maylis Whetsel

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	2.50%					
Good	(3)	0	0.00%					
Very Good	(4)	10	25.00%					
Excellent	(5)	29	72.50%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
40/270 (14.81%)				4.68		0.62		5.00

### 15 - Availability

Mia Bramel

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	6	16.22%					
Excellent	(5)	31	83.78%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
37/270 (13.70%)				4.84		0.37		5.00



# Columbia University: School of Engineering

## Spring 2021 SEAS Final Evaluation

**Course:** COMSW3157\_001\_2021\_1 - ADVANCED PROGRAMMING

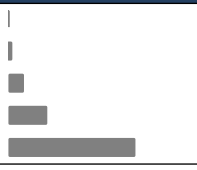
**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)

### 15 - Availability

**Michael Jan**

Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%		<div>4.58</div> <div>TA</div> <div></div> <div></div>				
Fair	(2)	1	1.41%						
Good	(3)	6	8.45%						
Very Good	(4)	15	21.13%						
Excellent	(5)	49	69.01%						
				02550100					
Response Rate				Mean		STD		Median	
71/270 (26.30%)				4.58		0.71		5.00	

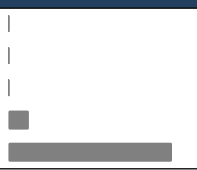


### 15 - Availability

**Shruti Verma**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%	<div><div></div></div>	<div><div>4.88</div></div>			
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	12.50%	<div><div></div></div>				
Excellent	(5)	14	87.50%	<div><div></div></div>				
				02550100	TA			
Response Rate				Mean		STD		Median
16/270 (5.93%)				4.88		0.34		5.00


### 15 - Availability

**Tal Zussman**

Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%						
Fair	(2)	0	0.00%						
Good	(3)	0	0.00%						
Very Good	(4)	2	11.11%						
Excellent	(5)	16	88.89%						
				02550100	TA				
Response Rate				Mean		STD		Median	
18/270 (6.67%)				4.89		0.32		5.00	

### 15 - Availability

Alan Zhao, Bruk Zewdie, Cherie Liu, Erika McManus, Gustaf Ahdritz, Hans Montero, Hollis Lehv, Imanol Uribe Echevarria, Ivy Cao, Julia Guo, Kent Hall, Lucie Le Blanc, Luiz do Valle, Maylis Whetsel, Mia Bramel, Michael Jan, Shruti Verma, Tal Zussman

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%		4.68			
Fair	(2)	10	2.46%					
Good	(3)	9	2.22%					
Very Good	(4)	80	19.70%					
Excellent	(5)	307	75.62%					
				02550100	TA			
Response Rate				Mean		STD		Median
				4.68		0.64		5.00

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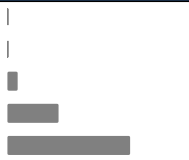
**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)


### 16 - Communication

**Alan Zhao**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.61		
Fair	(2)	0	0.00%					
Good	(3)	1	5.56%					
Very Good	(4)	5	27.78%					
Excellent	(5)	12	66.67%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
18/270 (6.67%)				4.61		0.61		5.00


### 16 - Communication

**Bruk Zewdie**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.69		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	4	30.77%					
Excellent	(5)	9	69.23%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
13/270 (4.81%)				4.69		0.48		5.00

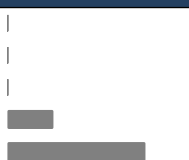
### 16 - Communication

**Cherie Liu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.55		
Fair	(2)	0	0.00%					
Good	(3)	2	18.18%					
Very Good	(4)	1	9.09%					
Excellent	(5)	8	72.73%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
11/270 (4.07%)				4.55		0.82		5.00

### 16 - Communication

**Erika McManus**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.75		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	25.00%					
Excellent	(5)	6	75.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
8/270 (2.96%)				4.75		0.46		5.00

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**Course:** COMSW3157\_001\_2021\_1 - ADVANCED PROGRAMMING

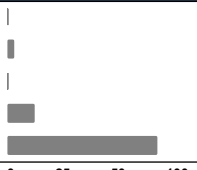
**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)

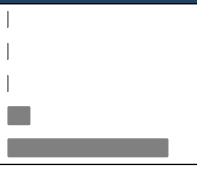
### 16 - Communication

**Gustaf Ahdritz**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	3.70%					
Good	(3)	0	0.00%					
Very Good	(4)	4	14.81%	■				
Excellent	(5)	22	81.48%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
27/270 (10.00%)				4.74		0.66		5.00

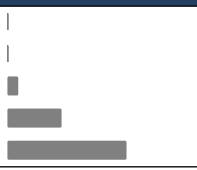
### 16 - Communication

**Hans Montero**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	3	12.50%	■				
Excellent	(5)	21	87.50%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
24/270 (8.89%)				4.88		0.34		5.00

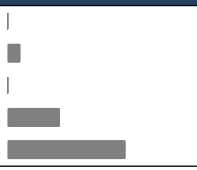
### 16 - Communication

**Hollis Lehv**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	1	5.88%	■				
Very Good	(4)	5	29.41%	■				
Excellent	(5)	11	64.71%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
17/270 (6.30%)				4.59		0.62		5.00

### 16 - Communication

**Imanol Uribe Echevarria**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	1	7.14%	■				
Good	(3)	0	0.00%					
Very Good	(4)	4	28.57%	■				
Excellent	(5)	9	64.29%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
14/270 (5.19%)				4.50		0.85		5.00

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**Response Rate:** 151/270 (55.93 %)

### 16 - Communication

Ivy Cao

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	28.57%	■				
Excellent	(5)	5	71.43%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
7/270 (2.59%)				4.71		0.49		5.00

### 16 - Communication

Julia Guo

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	15.38%	■				
Excellent	(5)	11	84.62%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
13/270 (4.81%)				4.85		0.38		5.00

### 16 - Communication

Kent Hall

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	2	12.50%	■				
Very Good	(4)	2	12.50%	■				
Excellent	(5)	12	75.00%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
16/270 (5.93%)				4.63		0.72		5.00

### 16 - Communication

Lucie Le Blanc

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%					
Fair	(2)	0	0.00%					
Good	(3)	1	4.00%	■				
Very Good	(4)	5	20.00%	■				
Excellent	(5)	19	76.00%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
25/270 (9.26%)				4.72		0.54		5.00

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**Response Rate:** 151/270 (55.93 %)

### 16 - Communication

**Luiz do Valle**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.73		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	4	26.67%	■				
Excellent	(5)	11	73.33%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
15/270 (5.56%)				4.73		0.46		5.00

### 16 - Communication

**Maylis Whetsel**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.72		
Fair	(2)	1	2.56%					
Good	(3)	0	0.00%					
Very Good	(4)	8	20.51%	■				
Excellent	(5)	30	76.92%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
39/270 (14.44%)				4.72		0.60		5.00

### 16 - Communication

**Mia Bramel**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.83		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	6	17.14%	■				
Excellent	(5)	29	82.86%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
35/270 (12.96%)				4.83		0.38		5.00

### 16 - Communication

**Michael Jan**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.60		
Fair	(2)	1	1.43%					
Good	(3)	5	7.14%	■				
Very Good	(4)	15	21.43%	■				
Excellent	(5)	49	70.00%	■				
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
70/270 (25.93%)				4.60		0.69		5.00

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**Response Rate:** 151/270 (55.93 %)

### 16 - Communication

**Shruti Verma**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.86		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	14.29%	■				
Excellent	(5)	12	85.71%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
14/270 (5.19%)				4.86		0.36		5.00

### 16 - Communication

**Tal Zussman**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.88		
Fair	(2)	0	0.00%					
Good	(3)	0	0.00%					
Very Good	(4)	2	12.50%	■				
Excellent	(5)	14	87.50%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
16/270 (5.93%)				4.88		0.34		5.00

### 16 - Communication

**Alan Zhao, Bruk Zewdie, Cherie Liu, Erika McManus, Gustaf Ahdritz, Hans Montero, Hollis Lehv, Imanol Uribe Echevarria, Ivy Cao, Julia Guo, Kent Hall, Lucie Le Blanc, Luiz do Valle, Maylis Whetsel, Mia Bramel, Michael Jan, Shruti Verma, Tal Zussman**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Poor	(1)	0	0.00%			4.71		
Fair	(2)	4	1.05%					
Good	(3)	12	3.14%					
Very Good	(4)	76	19.90%	■				
Excellent	(5)	290	75.92%	■				
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
				4.71		0.58		5.00

### 17 - Does this TA communicate effectively in English?

**Alan Zhao**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	17	100.00%	■		1.00		
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
17/270 (6.30%)				1.00		0.00		1.00

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**Response Rate:** 151/270 (55.93 %)

### 17 - Does this TA communicate effectively in English?

**Bruk Zewdie**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	10	100.00%	<div><div></div></div>	<div><div></div><div>1.00</div></div>			
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
10/270 (3.70%)				1.00		0.00		1.00

### 17 - Does this TA communicate effectively in English?

**Cherie Liu**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	11	100.00%	<div><div></div></div>	<div><div></div><div>1.00</div></div>			
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
11/270 (4.07%)				1.00		0.00		1.00

### 17 - Does this TA communicate effectively in English?

**Erika McManus**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	9	100.00%	<div><div></div></div>	<div><div></div><div>1.00</div></div>			
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
9/270 (3.33%)				1.00		0.00		1.00

### 17 - Does this TA communicate effectively in English?

**Gustaf Ahdritz**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	25	100.00%	<div><div></div></div>	<div><div></div><div>1.00</div></div>			
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
25/270 (9.26%)				1.00		0.00		1.00

### 17 - Does this TA communicate effectively in English?

**Hans Montero**

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	21	95.45%	<div><div></div></div>	<div><div></div><div>1.09</div></div>			
No	(2)	0	0.00%					
N/A	(3)	1	4.55%					
				0 25 50 100	TA			
<b>Response Rate</b>				<b>Mean</b>		<b>STD</b>		<b>Median</b>
22/270 (8.15%)				1.09		0.43		1.00

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
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**Response Rate:** 151/270 (55.93 %)



### 17 - Does this TA communicate effectively in English?

Hollis Lehv

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	16	100.00%					
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
16/270 (5.93%)				1.00		0.00		1.00



### 17 - Does this TA communicate effectively in English?

Imanol Uribe Echevarria

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	14	100.00%					
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
14/270 (5.19%)				1.00		0.00		1.00



### 17 - Does this TA communicate effectively in English?

Ivy Cao

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	7	100.00%					
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
7/270 (2.59%)				1.00		0.00		1.00



### 17 - Does this TA communicate effectively in English?

Julia Guo

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	12	100.00%					
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
12/270 (4.44%)				1.00		0.00		1.00

### 17 - Does this TA communicate effectively in English?

Kent Hall

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	15	100.00%					
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
15/270 (5.56%)				1.00		0.00		1.00



# Columbia University: School of Engineering

## Spring 2021 SEAS Final Evaluation

**Course:** COMSW3157\_001\_2021\_1 - ADVANCED PROGRAMMING

**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)

### 17 - Does this TA communicate effectively in English?

Lucie Le Blanc

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	22	100.00%	<div><div></div></div>	<div><div></div></div>	1.00		
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
22/270 (8.15%)				1.00		0.00		1.00

### 17 - Does this TA communicate effectively in English?

Luiz do Valle

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	12	100.00%	<div><div></div></div>	<div><div></div></div>	1.00		
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
12/270 (4.44%)				1.00		0.00		1.00

### 17 - Does this TA communicate effectively in English?

Maylis Whetsel

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	38	100.00%	<div><div></div></div>	<div><div></div></div>	1.00		
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
38/270 (14.07%)				1.00		0.00		1.00

### 17 - Does this TA communicate effectively in English?

Mia Bramel

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	34	100.00%	<div><div></div></div>	<div><div></div></div>	1.00		
No	(2)	0	0.00%					
N/A	(3)	0	0.00%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
34/270 (12.59%)				1.00		0.00		1.00

### 17 - Does this TA communicate effectively in English?

Michael Jan

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Yes	(1)	66	95.65%	<div><div></div></div>	<div><div></div></div>	1.07		
No	(2)	1	1.45%					
N/A	(3)	2	2.90%					
				0 25 50 100	TA			
Response Rate				Mean		STD		Median
69/270 (25.56%)				1.07		0.36		1.00

# Columbia University: School of Engineering

## Spring 2021 SEAS Final Evaluation

**Course:** COMSW3157\_001\_2021\_1 - ADVANCED PROGRAMMING


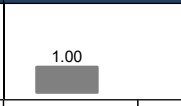
**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)


### 17 - Does this TA communicate effectively in English?

**Shruti Verma**

Response Option	Weight	Frequency	Percent	Percent Responses	Means					
Yes	(1)	12	100.00%		1.00					
No	(2)	0	0.00%							
N/A	(3)	0	0.00%							
				0	25	50	100	TA		
Response Rate				Mean		STD		Median		
12/270 (4.44%)				1.00		0.00		1.00		



### 17 - Does this TA communicate effectively in English?

**Tal Zussman**

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Yes	(1)	15	100.00%		<div>1.00</div>						
No	(2)	0	0.00%								
N/A	(3)	0	0.00%								
				0	25	50	100	TA			
Response Rate				Mean			STD		Median		
15/270 (5.56%)				1.00			0.00		1.00		

### 17 - Does this TA communicate effectively in English?

Alan Zhao, Bruk Zewdie, Cherie Liu, Erika McManus, Gustaf Ahdritz, Hans Montero, Hollis Lehv, Imanol Uribe Echevarria, Ivy Cao, Julia Guo, Kent Hall, Lucie Le Blanc, Luiz do Valle, Maylis Whetsel, Mia Bramel, Michael Jan, Shruti Verma, Tal Zussman

Response Option	Weight	Frequency	Percent	Percent Responses	Means						
Yes	(1)	356	98.89%								
No	(2)	1	0.28%								
N/A	(3)	3	0.83%								
				0	25	50	100	TA			
Response Rate				Mean		STD		Median			
				1.02		0.19		1.00			

### 18 - Comments

**Alan Zhao**

Response Rate	4/270 (1.48%)
<ul style="list-style-type: none"> <li>Effective and knowledgeable. Alan was very good at helping debug issues quickly.</li> <li>Was not a helpful resource at office hours or review sessions</li> <li>Explain material the effectively and gives good pointers.</li> <li>Amazing in OH, extremely patient, knowledgeable, and organized.</li> </ul>	

### 18 - Comments

**Bruk Zewdie**

Response Rate	1/270 (0.37%)
<ul style="list-style-type: none"> <li>Bruk was very quick to debug problems and help lead me to solutions by asking questions.</li> </ul>	

### 18 - Comments

**Cherie Liu**

Response Rate	2/270 (0.74%)
<ul style="list-style-type: none"> <li>Effective and knowledgeable. Cherie was good at being patient with me as "wheels turned" in my brain while figuring out a problem. She definitely gave up her free time to assist students like me.</li> <li>The best TA</li> </ul>	

# Columbia University: School of Engineering

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**Course:** COMSW3157\_001\_2021\_1 - ADVANCED PROGRAMMING

**Instructor:** Jae Lee \*

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**Response Rate:** 151/270 (55.93 %)

### 18 - Comments

**Erika McManus**

**Response Rate** 2/270 (0.74%)

- So nice and approachable - loved having you as a TA for this class!!!
- incredible TA. 10/10

### 18 - Comments

**Gustaf Ahdritz**

**Response Rate** 4/270 (1.48%)

- Gustaf was very patient and good at helping me fix problems.
- Very knowledgeable about subject material and good at explaining topics.
- Very knowledgeable, and his comments/guidance in the listserv are most helpful when approaching the labs. For most of the questions/issues I encounter when doing my labs, I tend to find guidance and hints in his replies to listserv emails.
- incredible TA. 10/10

### 18 - Comments

**Hans Montero**

**Response Rate** 6/270 (2.22%)

- Clearly very knowledgeable. Sometimes intimidating but more in a positive way than in a negative way.
- Very helpful during OH. Always on the ListServ to provide amazing responses
- Explain material the effectively and gives good pointers.
- Very knowledgeable, and his comments/guidance in the listserv are most helpful when approaching the labs. For most of the questions/issues I encounter when doing my labs, I tend to find guidance and hints in his replies to listserv emails.
- incredible TA. 10/10
- Really helpful and fun. And loved the bots at the Hackathon

### 18 - Comments

**Hollis Lehv**

**Response Rate** 4/270 (1.48%)

- Awesome, really knows her stuff.
- Effective and knowledgeable.
- Not very approachable or helpful. Made me feel bad about my lack of understanding at office hours when I was seeking help.
- Great leader of review sessions and approachable when discussing grades.

### 18 - Comments

**Imanol Uribe Echevarria**

**Response Rate** 2/270 (0.74%)

- Very friendly and obviously gave up a lot of free time to assist students like me. I appreciated how he would break the assignment down into simpler tasks which helped me apply the things I was learning in the lectures.
- incredible TA. 10/10

### 18 - Comments

**Ivy Cao**

**Response Rate** 0/270 (0%)

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**Response Rate:** 151/270 (55.93 %)

## 18 - Comments

## Julia Guo

Response Rate	2/270 (0.74%)
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- Julia was very helpful with a lot of issues I was having on Lab7. Greatly appreciated the follow up as well.
- very helpful and approachable, and knows her stuff. asked julia a lot of dumb questions and she answered 'em

## 18 - Comments

## Kent Hall

Response Rate	4/270 (1.48%)
---------------	---------------

- Effective and knowledgeable.
- Explain the effectively; however, his OH is not organized and constantly changing.
- Had a nice lecture about shell
- Thank you for guest lecture or script-writing. It was helpful, and I feel like I am not interested in learning even more about script-writing.

## 18 - Comments

**Lucie Le Blanc**

Response Rate	7/270 (2.59%)
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- Effective and knowledgeable.
- WOO
- So nice and approachable - loved having you as a TA for this class!!!
- Helped me with a problem I had been stuck on for two days.
- lucie is a great TA! extremely knowledgeable and very dedicated. 10/10. would be in my top 3 picks to teach the whole class if jae had to retire today
- incredible TA. 10/10
- She was wonderful at walking through problems I was having with my code and asking leading questions to help me see the issue and figure out how to fix it

## 18 - Comments

**Luiz do Valle**

Response Rate	2/270 (0.74%)
---------------	---------------

- Effective and knowledgeable.
- incredible TA. 10/10

## 18 - Comments

**Maylis Whetsel**

Response Rate	9/270 (3.33%)
---------------	---------------

- Great at explaining and is awesome
- Maylis was good at cultivating a positive learning environment. She often asked questions to help lead me to solutions which was beneficial in the learning process.
- YEAH
- Maylis is super amazing at drawing diagrams and she really guided me through a lot of the practice exams.
- Super helpful in office hours and over the listserv, with prompt, detailed, and incredibly useful responses!
- Very knowledgeable, and her comments/guidance in the listserv are most helpful when approaching the labs. For most of the questions/issues I encounter when doing my labs, I tend to find guidance and hints in her replies to listserv emails.
- My favorite TA! So so sweet and I always learned so much from her Sample Exam Review Sections
- Only regret is not spending more time learning from Maylis in office hours.
- This girl is the best TA I've had, also probably the smartest person ever. The review sessions that she led made so much sense out of sample exam questions that baffled me when I tried them, and she was always there with a response in the class or TA listserv when you most needed it. Thank you Maylis!!!

# Columbia University: School of Engineering

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**Response Rate:** 151/270 (55.93 %)

### 18 - Comments

#### Mia Bramel

<b>Response Rate</b>	11/270 (4.07%)
----------------------	----------------

- Awesome, knows her stuff and is great at explaining.
- Mia is one of the best TAs that I have ever encountered. She is so patient even knowing that there are 15 other students waiting for her assistance and effectively communicates the course material whenever there is confusion and is always very thorough. Her OH often happened right before an assignment is due and she was always willing to stay later to make sure she gets to everyone. I have felt comfortable approaching her when it comes to non-course-related work. She truly deserves some special recognition for all that she does.
- Very enthusiastic about teaching and helping students achieve excellence. I enjoyed the learning environment she cultivated.
- Mia was one of the most active TAs on the listserv, which was extremely helpful during the TA strike. I never felt judged when asking her questions about the labs.
- Again, she is super nice and thorough! I remember asking a question once and she was able to give me such a short and sweet response that I haven't forgotten till today and her little tips and tricks are super useful. She writes so nicely in the listserv too
- Very knowledgeable, and her comments/guidance in the listserv are most helpful when approaching the labs. For most of the questions/issues I encounter when doing my labs, I tend to find guidance and hints in her replies to listserv emails.
- Mia always took time to write thorough and thoughtful responses to any question I had. She went above and beyond. Her emails were non-fiction literature.
- One of the best TAs ever!
- Mia is the best!
- incredible TA. 10/10. Literally the most patient and kind and humble human being to ever walk the Earth. You are absolutely amazing Mia, thank you for all your help this semester. You inspire me in every way.
- Mia is an awesome TA!!

### 18 - Comments

#### Michael Jan

<b>Response Rate</b>	14/270 (5.19%)
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- Awesome, really knows his stuff.
- Great bruh
- Michael is amazing! His office hour sessions have been extremely helpful and I'm really grateful for all his support during his class!
- Great teaching style. A healthy mix of asking questions to assure that I understood what I was doing. Very easy to work with and I felt I retained a lot.
- Michael is the GOAT! He's one of the most dedicated TAs I've had. Please keep him on as a head TA for future semesters!
- Explain material the effectively and gives good pointers.
- He always asks leading questions and never directly gives the answer which is what I love because it gives me a chance to deeply think about the concept and then its easier for me to comprehend and it also informs me on how to approach these types of problems.
- Enjoyed the little comments in the labs
- Very knowledgeable, and his comments/guidance in the listserv are most helpful when approaching the labs. For most of the questions/issues I encounter when doing my labs, I tend to find guidance and hints in his replies to listserv emails.
- Machine in the listserv
- Writes wonderfully thoughtful exams and also leads equally thoughtful & thorough review sessions.
- solid TA, I dig the fancy podcaster mic.
- incredible TA. 10/10
- Michael is literally the best. Cannot praise him enough. You guys should seriously consider hiring him or giving him a shitton of research money or making him valedictorian

### 18 - Comments

#### Shruti Verma

<b>Response Rate</b>	2/270 (0.74%)
----------------------	---------------

- Shurti is an amazing and patient TA and has helped me understand the material better!
- Shruti is so helpful, nice, knowledgeable, and approachable. Helped me a lot and also provided the right environment to not feel dumb asking dumb questions. 10/10 TA any professor would be lucky to have her

Columbia University: School of Engineering  
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**Response Rate:** 151/270 (55.93 %)

18 - Comments	
Tal Zussman	
Response Rate	4/270 (1.48%)
<div><ul style="list-style-type: none"><li>Tal is an amazing and patient TA and has helped me understand the material better!</li><li>Explain material the effectively and gives good pointers.</li><li>Ran chaotic lab 7 office hours like an absolute machine. This was pretty much the only office hour I went to, so I don't know if they're typically like that, but Tal was efficient and helpful.</li><li>incredible TA. 10/10</li></ul></div>	

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**Response Rate:** 151/270 (55.93 %)

## 18 - Comments

Alan Zhao, Bruk Zewdie, Cherie Liu, Erika McManus, Gustaf Ahndritz, Hans Montero, Hollis Lehv, Imanol Uribe Echevarria, Ivy Cao, Julia Guo, Kent Hall, Lucie Le Blanc, Luiz do Valle, Maylis Whetsel, Mia Bramel, Michael Jan, Shruti Verma, Tal Zussman

### Response Rate

- Awesome, really knows his stuff.
- Awesome, really knows her stuff.
- Awesome, knows her stuff and is great at explaining.
- Great at explaining and is awesome
- Great bruh
- Michael is amazing! His office hour sessions have been extremely helpful and I'm really grateful for all his support during his class!
- Mia is one of the best TAs that I have ever encountered. She is so patient even knowing that there are 15 other students waiting for her assistance and effectively communicates the course material whenever there is confusion and is always very thorough. Her OH often happened right before an assignment is due and she was always willing to stay later to make sure she gets to everyone. I have felt comfortable approaching her when it comes to non-course-related work. She truly deserves some special recognition for all that she does.
- Great teaching style. A healthy mix of asking questions to assure that I understood what I was doing. Very easy to work with and I felt I retained a lot.
- Effective and knowledgeable.
- Bruk was very quick to debug problems and help lead me to solutions by asking questions.
- Effective and knowledgeable.
- Julia was very helpful with a lot of issues I was having on Lab7. Greatly appreciated the follow up as well.
- Effective and knowledgeable.
- Clearly very knowledgeable. Sometimes intimidating but more in a positive way than in a negative way.
- Gustaf was very patient and good at helping me fix problems.
- Effective and knowledgeable.
- Very enthusiastic about teaching and helping students achieve excellence. I enjoyed the learning environment she cultivated.
- Effective and knowledgeable. Cherie was good at being patient with me as "wheels turned" in my brain while figuring out a problem. She definitely gave up her free time to assist students like me.
- Maylis was good at cultivating a positive learning environment. She often asked questions to help lead me to solutions which was beneficial in the learning process.
- Very friendly and obviously gave up a lot of free time to assist students like me. I appreciated how he would break the assignment down into simpler tasks which helped me apply the things I was learning in the lectures.
- Effective and knowledgeable. Alan was very good at helping debug issues quickly.
- Michael is the GOAT! He's one of the most dedicated TAs I've had. Please keep him on as a head TA for future semesters!
- Mia was one of the most active TAs on the listserv, which was extremely helpful during the TA strike. I never felt judged when asking her questions about the labs.
- WOOO
- YEAH
- Not very approachable or helpful. Made me feel bad about my lack of understanding at office hours when I was seeking help.
- Was not a helpful resource at office hours or review sessions
- Shurti is an amazing and patient TA and has helped me understand the material better!
- Tal is an amazing and patient TA and has helped me understand the material better!
- The best TA
- Very helpful during OH. Always on the ListServ to provide amazing responses
- Explain material the effectively and gives good pointers.
- Explain the effectively; however, his OH is not organized and constantly changing.
- Explain material the effectively and gives good pointers.
- Explain material the effectively and gives good pointers.
- Explain material the effectively and gives good pointers.
- He always asks leading questions and never directly gives the answer which is what I love because it gives me a chance to deeply think about the concept and then its easier for me to comprehend and it also informs me on how to approach these types of problems.
- Again, she is super nice and thorough! I remember asking a question once and she was able to give me such a short and sweet response that I haven't forgotten till today and her little tips and tricks are super useful. She writes so nicely in the listserv too
- Maylis is super amazing at drawing diagrams and she really guided me through a lot of the practice exams.
- Very knowledgeable about subject material and good at explaining topics.
- So nice and approachable - loved having you as a TA for this class!!!
- So nice and approachable - loved having you as a TA for this class!!!
- Super helpful in office hours and over the listserv, with prompt, detailed, and incredibly useful responses!
- Amazing in OH, extremely patient, knowledgeable, and organized.
- Enjoyed the little comments in the labs
- Helped me with a problem I had been stuck on for two days.

# Columbia University: School of Engineering

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**Response Rate:** 151/270 (55.93 %)

- Had a nice lecture about shell
- Very knowledgeable, and his comments/guidance in the listserv are most helpful when approaching the labs. For most of the questions/issues I encounter when doing my labs, I tend to find guidance and hints in his replies to listserv emails.
- Thank you for guest lecture or script-writing. It was helpful, and I feel like I am not interested in learning even more about script-writing.
- Very knowledgeable, and his comments/guidance in the listserv are most helpful when approaching the labs. For most of the questions/issues I encounter when doing my labs, I tend to find guidance and hints in his replies to listserv emails.
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- Very knowledgeable, and her comments/guidance in the listserv are most helpful when approaching the labs. For most of the questions/issues I encounter when doing my labs, I tend to find guidance and hints in her replies to listserv emails.
- Mia always took time to write thorough and thoughtful responses to any question I had. She went above and beyond. Her emails were non-fiction literature.
- Machine in the listserv
- One of the best TAs ever!
- Mia is the best!
- My favorite TA! So so sweet and I always learned so much from her Sample Exam Review Sections
- Writes wonderfully thoughtful exams and also leads equally thoughtful & thorough review sessions.
- Great leader of review sessions and approachable when discussing grades.
- Ran chaotic lab 7 office hours like an absolute machine. This was pretty much the only office hour I went to, so I don't know if they're typically like that, but Tal was efficient and helpful.
- solid TA, I dig the fancy podcaster mic.
- lucie is a great TA! extremely knowledgeable and very dedicated. 10/10. would be in my top 3 picks to teach the whole class if jae had to retire today
- very helpful and approachable, and knows her stuff. asked julia a lot of dumb questions and she answered 'em
- incredible TA. 10/10
- incredible TA. 10/10
- incredible TA. 10/10
- incredible TA. 10/10
- incredible TA. 10/10
- incredible TA. 10/10. Literally the most patient and kind and humble human being to ever walk the Earth. You are absolutely amazing Mia, thank you for all your help this semester. You inspire me in every way.
- incredible TA. 10/10
- incredible TA. 10/10
- incredible TA. 10/10
- Only regret is not spending more time learning from Maylis in office hours.
- Michael is literally the best. Cannot praise him enough. You guys should seriously consider hiring him or giving him a shitton of research money or making him valedictorian
- Really helpful and fun. And loved the bots at the Hackathon
- Shruti is so helpful, nice, knowledgeable, and approachable. Helped me a lot and also provided the right environment to not feel dumb asking dumb questions. 10/10 TA any professor would be lucky to have her
- She was wonderful at walking through problems I was having with my code and asking leading questions to help me see the issue and figure out how to fix it
- This girl is the best TA I've had, also probably the smartest person ever. The review sessions that she led made so much sense out of sample exam questions that baffled me when I tried them, and she was always there with a response in the class or TA listserv when you most needed it. Thank you Maylis!!!
- Mia is an awesome TA!!