Course: COMSW3157\_001\_2017\_3/ADVANCED PROGRAMMING Instructors: Jae W Lee

6

Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** Enrollment of All Students: **181** 

#### Graph Course Questions



Median 5 Interpolated Median 4.55 Mean 4.20 Std Dev 1.06



Median 3 Interpolated Median 2.85 Mean 2.76 Std Dev 0.50

How did the workload of this course N=95 compare to that of other courses you've taken n Computer Science?



Median 2 Interpolated Median 1.70 Mean 1.77 Std Dev 0.76

7 How did the workload of this course N=95 compare to that of other courses you've taken in other departments?

1	Much heavier			<b>49</b> (52%)
2	Slightly heavier			<b>33</b> (35%)
3	About the same		<b>12</b> (13%)	
4	A bit easier		<b>1</b> (1%)	
5	Much easier	1.1	<b>0</b> (0%)	

Median 1 Interpolated Median 1.47 Mean 1.63 Std Dev 0.74

#### 8 Do you feel that the workload of this N=95 course helped you learn the material well?

1	I was too busy working to learn	<b>12</b> (13%)				
2	Yes, I'm glad I was pushed		<b>54</b> (57%)			
3	Yes, it was perfect	<b>22</b> (23%)				
4	Yes, but I wasn't challenged enough	<b>1</b> (1%)				
5	The work seemed extraneous	<b>6</b> (6%)				
Мес	Median 2 Interpolated Median 2.16 Mean 2.32 Std Dev 0.94					

9 Of all the CS courses you have taken, N=95 how does this course rank? Very high 40 (42%) 1 **29** (31%) 2 Better than average 3 Average 14 (15%) 8 (8%) 4 Worse than average 4 (4%) 5 Very low

Median 2 Interpolated Median 1.76 Mean 2.02 Std Dev 1.14

## Title: Fall 2017 COMS Final Evaluation

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## **Program Evaluation System**

Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

#### **Comments Course Questions**

### Q1 Enter any additional comments here

- Seems at times that the tests are trying way too hard to be tricky.
- I greatly enjoyed this course! I learned how to program in 3134, and then understood what I was actually doing in this class.
- The class is well designed and we have covered basics of C/C++ and other many practical topic such as web server. Even the class is very heavily loaded, and I have to spend at least 10 hours every week, still strongly recommend this class.
- This course gave me the concept of how the computer actually works, how the language is compiled, and a lot more. By doing those hard-to-do but well-designed homework without the help of IDEs, at the time when I am writing this evaluation, I feel I can understand the process of the computers much better than before I took this course.
- This course is like hitting puberty in coding. Jae brought me to my knees. Things are unnecessarily hard and depend on memory rather than critical thinking, which sucks. And the stuff you learn is so low level that you're probably never going to use it in most CS fields.

**Program Evaluation System** 

Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

#### **Comments Course Questions**

Please read this note from the start to finish.

I would first like to say that this class was spectacularly thought out. The move from basic C to web server building to C++ was phenomenal and I'm so glad that a professor took the time to think out how students would best learn such rigorous material.

Because I know the hard work put into the material of the course, I hope you take this to heart when you read my next few words. I hope you don't brush it off as if I am just an undergrad that cannot speak to course structuring or teaching style. I hope you may realize that while I may be just a naive undergrad, I am a student and you are my professor who is supposed to be here to support me as I try my hardest.

To begin, I want to say that this is not just your fault. I think the way to Computer Science is structured at Columbia, and in the public education system in general, has failed women of color like me.

I came into 1004 last year, with a handful of friends. Within the first week, I watched them all drop that class, as I was left alone, paralyzed and isolated in office hours. I watched people with years of experience, an AP CS class down their belt from high school. I almost dropped the class. I had never touched code in my life. It was terrifying.

Data Structures was better. Blaer was kind and understanding. He wanted his class to be an equalizing course in which people could succeed despite their background, or lack thereof.

I'm not stupid, and I know that. I'm studying rigorous material. This is a hard class. But I have never been made to feel more stupid in my life. I felt shamed and mocked. I spent hours, days, poring over notes to only do well below average on tests. Your class is meant to reward the people who came in with previous knowledge (almost always higher income men) and to punish women like me (lower income minority).

It's absolutely disgusting.

I can't believe, that with the 7 suicides at Columbia last year, that you didn't think about changing your approach to this course. The magnitude in which we suffer from mental health here at Columbia due to classes such as these can not be understated.

Maybe it isn't the experience of everyone, but it is the experience of some, even if only few, that should be

Jae and TA's,

## **Program Evaluation System**

### Title: Fall 2017 COMS Final Evaluation Course: COMSW3157 001 2017 3 / ADVANCED PROGRAMMING

Instructors: Jae W Lee

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#### Comments Course Questions

enough for you to change.

I have never had an anxiety attack, nor thoughts of all-consuming dread and death, until your class, Jae. I was scared to go on the subway because I hated staring at the tracks.

Jae, I'm begging you, for the sake of your future students. 18 and 19 year olds. Children.

I'm begging you to think about the way you teach this class. I don't want anything to happen to the students who come after me, and I don't want that to be on your shoulders.

#### Please.

- I enjoyed the class, but there was way to much work, which added a lot of stressed and detracted from my learning.
- I learned a lot in AP. While it was a lot of work, I felt like I was pushed to understand the material instead of mindlessly coding away. My only complaint is the exams, they are so tricky!!
- A little more clarity on the final grading process would have been nice. It seemed like everyone I talked to had no idea how the class was graded. The slides from the first class were a bit vague on details.
- Course provides students with immense knowledge regarding programming, memory management, Internet use, and an in-depth understanding of C programming.

The amount of workload however is beyond challenging, and is certainly difficult to balance assignment in this course with other classes during the semester.

Certainly, students begin the course 'knowing how to program' and leave the course as 'programmers' yet the workload and grading process of the course leaves students frustrated and uncertain of their abilities. Personally, this course - while I appreciate the challenge it has provided - made me reconsider my ability in the world of Computer Science and my desire to continue in this field. Please not have NOT done poorly in this course.

- I definitely learned a lot in this course. The workload feels appropriate, although the tests are generally more difficult than I think they need to be. Overall though, I think with this type of class the more you put in, the more you get out, so it's good that there is a lot of opportunity created for us to get a lot out of the class.

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#### Comments Course Questions

 Columbia, PLEASE stop letting this man teach a Required Course. When the class Average is usually around a 40-50 range, the Students are not the problem! The midterms and Labs are far beyond what they should be in terms of course load and time spent.

Jae is easily the WORST professor I have ever had, including any outside of Columbia. His approach to teaching, general attitude, grading system, and overall coursework is atrocious. If it wasn't for this course being required by the Major, I would never have taken it. How he is allowed to teach a required course is beyond me. He is borderline sadistic.

- It's a great course, very well taught just hard to always keep up with so much for so long
- amazing course, really well thought out pedagogy. If a student had time to dedicate the appropriate amount of time to the workload, they'd learn an incredible amount.

That said, it's not realistic for every student to be able to invest as much time as was required, resulting in a really overwhelming workload/lot of stress.

- This course is extremely challenging in part becasue the exams are designed for students to fail. Since partial credit is very rarely given it is likley that a student who understands most of the material but is slightly off on their answers to get a failing grade. The structure of the exams is very different from the way material is taught in lecture and evaluated in the labs. It is very frustrating to study for days on an exam and then have the exam be explicitly designed to trick you so you cannot perform well. Additionally, the homework assignments are often unclear and take multiple hours of work just to understand what they are asking you to do. Given that the assignments themselves are extremely time consuming it is frustrating that significant time has to be spent just to understand the question.
- I would recommend the use of a classroom response system (polling system). The lecturer present a question as part of his presentation. And students choose among a set of predefined options using a remote. I have used in classes at other institutions with great effect: It provides the lecturer with instant feedback and allows her to determine the general level of understanding.
- A lot of material is not covered during class period, instead they are sent via email, etc. It is very hard to follow all the threads.

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#### Comments Course Questions

- I understand what Professor Jae was trying to achieve with his Advance Programming class - an introduction to low-level programming and UNIX to give students a better understanding of programming. And for the most part he achieved that. Professor Jae explained C well on the board and was good lecturer overall. However, I'm a transfer student and had already completed a course that did the same thing but in a manner that fit my style more, and gave me a deeper understanding of programming and computer science as a whole. We went from C and Unix, to Mips assembly language, and then to processor design (including pipelining, caches, virtual/physical addresses, and multicore, providing foundation for operating systems - a bridge that Jae has acknowledged to be absent from the Columbia CS Curriculum). The projects were harder than those in Advance Programming, but less tedious in nature and required a truer understanding of how programs and computers work. In contrast, Advance Programming, is a more real-world class, requiring more debugging and programming, but less understanding.

I found the Advance Programming projects to be too time consuming for what they were worth. I was not a fan of spending hours debugging server and client sockets only to find I was missing a space in an HTML header. It would have better to not superficially cram C++ and all its member function regulations and hierarchy into the last few weeks of the semester. The projects could take vast amounts of time, the majority of it spent debugging.

Students act as a syntax checkers and compilers on tests.

It is not the debugging and tricky syntax I learned from Professor Jae's class that serves as a foundation for me as a programmer, but rather the assembly language and MIPS processor design that I had already learned that serve as my foundation.

- AP is known to be one of the most difficult core CS classes. First lecture, Jae promised us a hard class and he delivered. He also said we would be true programmers after this course and I agree. There is no one else I'd rather take this class with. Great organization, helpful TA's, very informative assignments...
- I learned so much about how the compiler works and process code. I became more aware of the details that goes into each line of code. My biggest takeaway would be understanding memory management and how TCP connection works.
- I will admit, I did learn a lot in this class. However, I felt like I learned more from going to office hours, self-studying, etc. The exams were very challenging and tricky, but they made sense after I went over them again during office hours and whatnot.
- This course is hard in terms of workload, but the syllabus is superb
- Labs and exams are great but very hard!

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#### **Comments Course Questions**

- The course was very good for learning but its grading policy did not at all reflect the time and effort put into learning the material, but just how well one could handle edge cases that would never appear in real life.
- I don't have any glaring complaints. The amount coursework and the grading were quite fair in my opinion. If one spends at least 17-20 hours a week on this course, it is not that difficult and is very educational.
- An indispensable class for going beyond merely using your computer. To get anything out of it, you have to realize (the earlier the better) that it's all about the ways memory is managed and how programming languages handle that.
- Wish some of the midterms weren't so "all or nothing", but understand why it is so

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Instructor Graph Report for: Jae W Lee



Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## **Program Evaluation System**

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#### Instructor Comments Report for: Jae W Lee

### Q1 If so, please explain why

- Jae is an excellent instructor. He explained the concepts very well.
- The most important part of this course is how the knowledge it delivers helps our later study or even future career. Professor Lee tried to compress a whole bunch of things into this course and deliver them to us. To do that, he ripped a lot of "flesh" from each concept, such as web structure, pointers, leaving only the "bones", which are the concepts themselves, and the code to implement those concepts. Therefore, in this course, I have learned so much by both doing the homework and from the provided solutions. He is definitely the hardest professor I have ever met but I can see the time he had spent in designing the contents of this course. In short, I really appreciate him for the things I learned from this course.
- Exceptional in his field
- He's a good professor, good delivery, funny, knowledgeable, explains things well and answers a lot of questions in class.
- Jae is great at lecturing and explaining complicated concepts clearly, and it's clear that a lot of thought was put into the course. One of the best CS lecturers I've had thus far.
- His curriculum is great, but I find his lectures leave much to be desired.
- Knows his stuff really well
- He's great. Sometimes things can be a little disorganized, but I did learn a lot and the way that the class was set up, I would eventually learn a lot. Even if the lecture was bad, the homework would teach you or something. The way the class was organized really worked.
- Jae emphasizes and clearly explains that concepts that are most important, so that the students have a firm understanding of the basics and will be prepared for more advanced material. Also, Jae forces his students to learn the material inside and out if they want to be successful in the course, and there are no excuses or surprises because everything that is expected of the student is clearly laid out.
- Jae is pretty cool and he sets high standards on students and cares a lot about his students. The class is also well
  designed we have covered basics of C/C++ and other many practical topic such as web server. I have learned a
  lot from the class.

Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

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#### Instructor Comments Report for: Jae W Lee

 Jae truly cares about teaching and it shows in the way he prepares his lectures, programming assignments, and examinations. He wants students to understand each step of the code to the expertise that he has acquired. He also encourages curiosity by providing supplementary explanations and makes the experience fun with the hackathon.

He is super organized in his lecture notes and listserv. I think the notes are a bit sparse and could have more explanatory details.

- Professor Lee teaches very well and deliver his message very clearly.
- I think that Jae is incredibly knowledgeable about his subject, and really pushes his students to perform at the standard he expects. Although the course covers a lot of material at a high-level, he presents it in a easy-to-understand manner.
- Jae is easily the WORST professor I have ever had, including any outside of Columbia. His approach to teaching, general attitude, grading system, and overall coursework is atrocious. If it wasn't for this course being required by the Major, I would never have taken it. How he is allowed to teach a required course is beyond me. He is borderline sadistic.
- Coming with nearly non-existent CS background, I was intimidated by the reviews of peers. Yet, Jae was eager to guide his students to grow as a better programmer/software engineer. As a graduating senior, I am doubtless that he is the best--not one of the best--professor I had at Columbia. Folks may complain about the difficulty of exams, but his philosophy seems 'learning the harder way ensures a better command', which I wholeheartedly agree. I would like to thank Jae for running such a great course.
- Great lecturer
- I respect how much he challenge us in this class to really think about and engage with the material.
- Jae is both a great teacher and a great guy.
- Every assignment and lecture had a purpose. Everything was intentional. Everything helped us learn and pushed us to be more thorough, wiser programmers.
- Jae comes off a little intimidating, but it's clear he really cares about his students and wants them to get a good understanding of the material, not just on a surface level. The tough love approach might not be for everyone, but having made it through the course I definitely feel that I've learned significantly more than I have in my prior CS classes at Columbia.

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#### Instructor Comments Report for: Jae W Lee

- Although bringing his students to a point of pure despair, Jae manages to create a 'cult' around AP in such that students seem to be almost obsessed with doing well and accomplishing the seemingly impossible. Indeed, he pushes students to the brink of depression, but manages to instill such a unique sense of curiosity and determination that is unlike anything I have seen. Jae has the most unique capability of having students admire him, and idolize him, despite the frustration brought about by his unbearably challenging course. Yet with all that said, never have I been so captivated by a course of by a lecturer during my years at Columbia,
- Passionate about the subject and extremely knowledgable.
- challenging but clear. Always pushes students to improve.
- One of the best professor I have seen. I prefer his teaching style especially Jae emphasized on essential materials several times such that I could fully understand what the subtleties are behind.
- Jae, while creating the most intense class I've ever taken, definitely also allowed me to learn a lot.
- Best class I've taken at Columbia so far. I learned a ton.
- Jae is an incredible professor. He pushes his students and works through material fairly quickly. but does an excellent job of explaining concepts step by step. Labs are very challenging but he gives us the tools to work through the problems presented in the labs. Jae switches from teaching with chalk to lecture notes/ slides/ code very well. I really appreciate when he draws out topics on the board. He talks out his thought process as he teaches, allowing students to share his thought process and learn how to think like a computer programmer.
- Knows his stuff. The course teaches you that not knowing your stuff is unacceptable. His tests hint at an inner sadism driving his soul, making him the perfect Columbia professor.
- He connects with every student even though class is so big.very interesting class
- Well, its mostly because how well Advanced Programming is structured. After looking at the stuff for Spring 2017 for OS. I realize that without AP, I would never be prepared to do actual Systems work in C. It looks like I will be seeing Jae again in OS. But at least with AP, I think I might just be able to survive it.
- Jae is great
- Great lecturer, every part of the syllabus is well thought out, everything is connected, beautifully orchestrated.
- He is very responsive to emais and make sure that all students have the support they need to be successful in the class. the course is very good and you learn a lot.
- The organization of the whole class including homework, content, materials are very responsible. I feel sad to leave the class! Jae has prepared everything to make us stronger

## **Program Evaluation System**

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Instructor Comments Report for: Jae W Lee

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# TA Graph Report for: Aunoy Poddar





3	A	Approachability				
	1	Poor	<b>0</b> (0%)			
	2	Fair	<b>0</b> (0%)			
	3	Good	<b>0</b> (0%)			
	4	Very Good	<b>2</b> (20%)			
	5	Excellent		<b>8</b> (80%)		
Median 5 Interpolated Median 4.8			ed Median <b>4.88</b> Mean <b>4.80</b> S	td Dev <b>0.42</b>		

4	A	vailability		N=10
	1	Poor	<b>0</b> (0%)	
	2	Fair	<b>0</b> (0%)	
	3	Good	<b>0</b> (0%)	
	4	Very Good	<b>2</b> (20%)	
	5	Excellent		<b>8</b> (80%)
	Me	edian <b>5</b> Interpolat	ed Median <b>4.88</b> Mean <b>4.80</b> S	td Dev <b>0.42</b>

5	С	ommunication		N=10
	1	Poor	<b>0</b> (0%)	
	2	Fair	0 (0%)	
	3	Good	0 (0%)	
	4	Very Good	<b>2</b> (20%)	
	5	Excellent		<b>8</b> (80%)
	Me	edian 5 Interpolat	ed Median <b>4.88</b> Mean <b>4.80</b> St	d Dev <b>0.42</b>

6	Does this TA comm english?			nmunicate effectively in N	
	1	Yes			<b>9</b> (90%)
	2	No	- T	0 (0%)	
	3	N/A		<b>1</b> (10%)	
	Median 1 I		Interpolated	d Median <b>1.00</b> Mean <b>1.00</b> Std I	Dev <b>0.00</b>

Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

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### TA Comments Report for: Aunoy Poddar

- Aunoy is very approachable and answers questions intelligently, not instantly giving away the answer each time. He is knowledgeable and makes an effort to see to every student.
- I enjoy his patience and effort to make sure that the issue we have is fixed. In particular with Lab 7, even though he couldn't figure it out, he made sure it would be resolved (The issue happened to be using sizeof() vs strlen). Most of the other TA's would have shrugged it off, but the fact he went that extra step was admirable. If I were to TA I would want to be like Aunoy.
- Aunoy did an amazing job explaining concepts in recitation and in Super OH. It can be difficult to teach to a group of students who do not all understand the course material at the same level, but Aunoy always broke down answers to questions so that everyone could understand them. I always felt comfortable asking a question when I was confused about something.
- Good approash

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#### TA Graph Report for: Dean Deng



3	Good	<b>0</b> (0%)	
4	Very Good	<b>3</b> (25%)	
5	Excellent	<b>9</b> (75%	b)
Me	dian 5 Interpolate	ed Median 4.83Mean 4.75 Std Dev 0.4	5

3	Approachability			N=12
	1	Poor	<b>0</b> (0%)	
	2	Fair	<b>0</b> (0%)	
	3	Good	<b>0</b> (0%)	
	4	Very Good	<b>2</b> (17%)	
	5	Excellent		<b>10</b> (83%)
	Me	edian 5 Interpolate	ed Median <b>4.90</b> Mean <b>4.83</b> St	td Dev <b>0.39</b>

4	A	vailability		N=12
	1	Poor	<b>0</b> (0%)	
	2	Fair	<b>0</b> (0%)	
	3	Good	1 (8%)	
	4	Very Good	1 (8%)	
	5	Excellent		<b>10</b> (83%)
	Me	edian 5 Interpolate	ed Median <b>4.90</b> Mean <b>4.75</b> S	td Dev 0.62

5	С	ommunication		N=12
	1	Poor	<b>0</b> (0%)	
	2	Fair	<b>0</b> (0%)	
	3	Good	0 (0%)	
	4	Very Good	<b>3</b> (25%)	
	5	Excellent		<b>9</b> (75%)
	Me	edian 5 Interpolat	ed Median <b>4.83</b> Mean <b>4.75</b> St	d Dev <b>0.45</b>

6		oes th Iglish?	is TA communicate effectively in	N=12
	1	Yes	1	<b>1</b> (92%)
	2	No	0 (0%)	
	3	N/A	1 (8%)	
	Me	edian <b>1</b>	Interpolated Median 1.00 Mean 1.00 Std D	ev <b>0.00</b>

## Title: Fall 2017 COMS Final Evaluation

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### TA Comments Report for: Dean Deng

### Q1 Comments

- Kind, supportive, clear. Thanks for all the help this semester!
- Dean was a very helpful TA he always managed to give pointers (ha ha) that didn't give too much away and really allowed you to solve the problems on your own, and was very quick in responding to my questions. If it still exists, I'd recommend him for the TA award.
- I come to his Saturday office hours and he is very opened to questions. He tries to guide you to the right answer by giving you leading questions. The review sessions that he leads are also effective because he assesses where we need help and goes through examples multiple times.

- Good approach

- Dean is witty and knowledgeable and explains ideas well.
- Dean has an incredible ability of taking complicated concepts and making them simple. He has helped me tremendously this semester. With his help, I have become more confident with the material taught in this class. During office hours, I would go in very nervous and confused with many doubts and concerns, but after he helps me, things suddenly click and make sense, and I always leave his office hours feeling at ease. In other words, I always feel enlightened when I leave office hours. Dean himself is a really calm, cool, and collected person, and it radiates in his students. If he's calm and collected, I can be, too! He is very patient and nonjudgmental. Because of his nonjudgmental manner, I am not afraid to ask questions or make mistakes. If you do not know something, he is not the type to scold you or humiliate you for not knowing it; instead, he tries to help you understand material by asking questions. In other words, he has a majestic ability to help students come up with the answers themselves. Dean doesn't give you the answers, you find them yourself through his questionings! If students still don't understand, he finds different ways of explaining. For example, he helps students draw very intricate diagrams, which has benefitted me tremendously because I am a hands on/visual learner. He really aids you through your thinking process. Through Dean, I have realized that I am not entirely lost, but instead, I need different methods in order to learn efficiently. He is such a magnificent teaching assistant! You can tell that he loves helping students with all of his heart!! He works very hard in order to ensure that his students feel comfortable with shaky topics, and that they have a good understanding of various concepts needed to succeed in this class.

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#### TA Graph Report for: Daniel H Cole



2	K	Knowledgeability			
	1	Poor	<b>0</b> (0%)		
	2	Fair	<b>0</b> (0%)		
	3	Good	<b>0</b> (0%)		
	4	Very Good	<b>0</b> (0%)		
	5	Excellent		<b>1</b> (100%)	
_	Median 5 Interpolated Median 5.00Mean 5.00 Std Dev 0.00				

3	A	pproachability		N=1
	1	Poor	<b>0</b> (0%)	
	2	Fair	<b>0</b> (0%)	
	3	Good	<b>0</b> (0%)	
	4	Very Good	0 (0%)	
	5	Excellent		<b>1</b> (100%)
	Me	edian 5 Interpolat	ed Median 5.00Mean 5.00 Std	Dev <b>0.00</b>

4	A	vailability		N=1
	1	Poor	<b>0</b> (0%)	
	2	Fair	0 (0%)	
	3	Good	<b>0</b> (0%)	
	4	Very Good	0 (0%)	
	5	Excellent		<b>1</b> (100%)
	Me	edian 5 Interpola	ted Median <b>5.00</b> Mean <b>5.00</b> Sto	d Dev <b>0.00</b>

5	С	Communication			
	1	Poor	0 (0%)		
	2	Fair	<b>0</b> (0%)		
	3	Good	0 (0%)		
	4	Very Good	<b>0</b> (0%)		
	5	Excellent	<b>1</b> (100%)		
	Me	edian 5 Interpolate	ed Median 5.00Mean 5.00 Std Dev 0.00		

6		oes th nglish?	is TA communicate effectively in	N=1
	1	Yes	1	(100%)
	2	No	0 (0%)	
	3	N/A	<b>0</b> (0%)	
	Μ	edian <b>1</b>	Interpolated Median 1.00	

## **Program Evaluation System**

## Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING

Instructors: Jae W Lee

Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

### TA Comments Report for: Daniel H Cole

### Q1 Comments

- Good approash

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Emily Jin

5

Excellent

Median 5



Interpolated Median 4.90Mean 4.83 Std Dev 0.41

 Does this TA communicate effectively in english?				
1	Yes			5 (83%)
2	No		0 (0%)	
3	N/A		<b>1</b> (17%)	

5 (83%)

## **Program Evaluation System**

## Title: Fall 2017 COMS Final Evaluation

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

### TA Comments Report for: Emily Jin

### Q1 Comments

- Good approash

## Title: Fall 2017 COMS Final Evaluation

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Emma Louise Etherington



6	Does this TA communicate effectively in I english?				
	1	Yes	<b>11</b> (92%		
	2	No	0 (0%)		
	3	N/A	1 (8%)		
	Me	edian <b>1</b>	Interpolated Median 1.00 Mean 1.00 Std Dev 0.00		

#### Title: Fall 2017 COMS Final Evaluation

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## **Program Evaluation System**

Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

#### TA Comments Report for: Emma Louise Etherington

- Emma was great -- very patient and never directly answered the question, which made me think and actually understand the concepts.
- Good approash
- Emma is witty and intelligent and her subtle casualness makes her refreshingly approachable and helpful. She is quite honest when she is unsure of something and will not pretend to be an expert in something that she is not.
- She is very helpful!
- Emma is fantastic. She explained concepts really well in recitation, and knew how to introduce new material.

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Elshadai Tesfaye Biru



5 Excelle	ent	<b>3</b> (75%)
Median 5	Interpolated Median 4.83Mean 4.50	Std Dev <b>1.00</b>

6		Does this TA communicate effectively in N=4 english?					
	1	Yes				<b>4</b> (100%)	
	2	No		<b>0</b> (0%)	)		
	3	N/A		<b>0</b> (0%	)		
	M	edian <b>1</b>	Interpolate	ed Median 1.	00		

## Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## **Program Evaluation System**

Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

### TA Comments Report for: Elshadai Tesfaye Biru

- Wish I went to her OH more, was by far the best and most helpful TA from the OH that I went to. Spent lots of time helping me out and helping me learn instead of providing answers.
- Good approash
- The most helpful, intelligent TA I've had the privilege of working with. She was excellent at explaining complex problems in the most understandable way. Very approachable and friendly. Thank you Elshadai.

## Title: Fall 2017 COMS Final Evaluation

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Evan Wynn Wickenden



6		oes th nglish	is TA communicate effectively in ?	N=9
	1	Yes	9	(100%)
	2	No	0 (0%)	
	3	N/A	<b>0</b> (0%)	
_	M	edian <b>1</b>	Interpolated Median 1.00	

#### Title: Fall 2017 COMS Final Evaluation

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## **Program Evaluation System**

Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

#### TA Comments Report for: Evan Wynn Wickenden

- Evan is knowledgeable and very helpful; his explanations and comments are insightful and nontrivial. He uses familiar examples and new, interesting ones to explain things more clearly, and this makes for wonderful pedagogy.
- MY FAVORITE TA!!! Super sweet, very knowledgeable, very "real". Would actually help you understand and make sure that you really did get it.
- This guy rocks! Tremendously knowledgable in all things C.
- Good approash
- Evan was very quick to respond to questions and was very helpful as a TA.

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Ivy Chen



6		oes th nglish	is TA communicate effectively in ?	N=4
	1	Yes	4	(100%)
	2	No	0 (0%)	
	3	N/A	0 (0%)	
_	M	edian <b>1</b>	Interpolated Median 1.00	

3	A	N=4			
	1	Poor	<b>0</b> (0°	%)	
	2	Fair	<b>0</b> (0°	%)	
	3	Good	<b>0</b> (0°	%)	
	4	Very Good		<b>1</b> (25%)	
	5	Excellent			<b>3</b> (75%)
	5		ed Median 4	<b>I.83</b> Mean <b>4.75</b> St	

4	A	N=4	
	1	Poor	0 (0%)
	2	Fair	<b>0</b> (0%)
	3	Good	<b>0</b> (0%)
	4	Very Good	<b>0</b> (0%)
	5	Excellent	4 (100%)
	Median 5 Interpola		ted Median 5.00Mean 5.00 Std Dev 0.00

5	С	ommunication			N=4
	1	Poor	0 (0	%)	
	2	Fair	<b>0</b> (0	%)	
	3	Good		<b>1</b> (25%)	
	4	Very Good	<b>0</b> (0	%)	
	5	Excellent			<b>3</b> (75%)
_	Me	edian 5 Interpolat	ed Median	4.83Mean 4.50 St	d Dev <b>1.00</b>

## **Program Evaluation System**

Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

#### TA Comments Report for: Ivy Chen

- Ivy is a little soft-spoken and timid in her presentation, and seems to be unable to go into deeper explanations on some topics. But what she lacks in passion she makes up for in approachability and subtle humor.
- Good approash

Course: **COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING** Instructors: **Jae W Lee** 

Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Jennifer Wenjun Bi



1	Poor	<b>0</b> (0%)		
2	Fair	<b>0</b> (0%)		
3	Good	<b>0</b> (0%)		
4	Very Good		<b>2</b> (33%)	
5	Excellent			<b>4</b> (67%)
Me	edian 5 Interpolate	ed Median 4.75	Mean <b>4.67</b> St	d Dev <b>0.52</b>

3	A	N=6	
	1	Poor	0 (0%)
	2	Fair	0 (0%)
	3	Good	0 (0%)
	4	Very Good	<b>0</b> (0%)
	5	Excellent	<b>6</b> (100%)
	Me	edian 5 Interpolate	ed Median <b>5.00</b> Mean <b>5.00</b> Std Dev <b>0.00</b>

Availability				
1 Poor	1			
2 Fair	2			
3 Good	3			
4 Very Good	4			
5 Excellent	5			
	Poor C Fair C Good C Very Good			

5	С	N=6		
	1	Poor	<b>0</b> (0%)	
	2	Fair	0 (0%)	
	3	Good	0 (0%)	
	4	Very Good	<b>1</b> (17%)	
	5	Excellent		<b>5</b> (83%)
	Me	dian 5 Interpolat	ed Median <b>4.90</b> Mean <b>4.83</b> St	d Dev <b>0.41</b>

6		oes th nglish?		municate ef	fectively in	N=6
	1	Yes			6	(100%)
	2	No		<b>0</b> (0%)		
	3	N/A		<b>0</b> (0%)		
	М	edian <b>1</b>	Interpolate	d Median <b>1.00</b>		

## **Program Evaluation System**

Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

### TA Comments Report for: Jennifer Wenjun Bi

- She is kind
- She is so friendly and helpful to answer my question and clear my confusion.

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: JiaYan Hu



4	A	N=3				
	1	Poor		<b>0</b> (0%)		
	2	Fair		<b>0</b> (0%)		
	3	Good		<b>0</b> (0%)		
	4	Very G	ood		<b>1</b> (33%)	
	5 Excellent				<b>2</b> (67%)	
	Me	edian <b>5</b>	Interpolate	ed Median 4.75	Mean <b>4.67</b> St	d Dev <b>0.58</b>

5	С	N=3			
	1	Poor	<b>0</b> (0%)		
	2	Fair	<b>0</b> (0%)		
	3	Good	<b>0</b> (0%)		
	4	Very Good		<b>1</b> (33%)	
	5	Excellent			<b>2</b> (67%)
	Me	edian 5 Interpolate	ed Median 4.75	Mean <b>4.67</b> St	d Dev <b>0.58</b>

6		oes th nglish?		municate ef	fectively in	N=3
	1	Yes			3	(100%)
	2	No		<b>0</b> (0%)		
	3	N/A		<b>0</b> (0%)		
	М	edian <b>1</b>	Interpolate	d Median <b>1.00</b>		

## **Program Evaluation System**

### Title: Fall 2017 COMS Final Evaluation

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

### TA Comments Report for: JiaYan Hu

### Q1 Comments

- Good approash

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Joshua Michael Zweig



6	Does this TA communicate effectively in english?						N=28	
	1	Yes					28	(100%)
	2	No			<b>0</b> (0%)			
	3	N/A		i –	<b>0</b> (0%)			
	Μ	edian <b>1</b>	Interpolate	ed Me	dian <b>1.00</b>			

Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## **Program Evaluation System**

Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

### TA Comments Report for: Joshua Michael Zweig

- Thank you for your support and for making time for me.
- Joshua has an inviting and approachable persona and explains things with great energy and passion. He is quite knowledgeable in the subject area but understands and is conscious of his limits. He always makes sure every student at his table is acknowledged and not ignored, and he makes an effort to answer every question.
- Unlike some of the other TAs, it seemed like he actually cared about the students who came to him. He was very knowledgeable and enthusiastic. Overall, a fantastic TA.
- Josh is the absolute best. He learned my name within the first few weeks of school, and is the most approachable TA I've ever had. He works with each student individually to make sure they understand the material in a way that makes sense to them. He knows everything there is to know about AP and is amazing at review sessions and office hours and Super OH.
- Very knowledgeable, articulate, patient. Thanks for the help!
- I feel sad to leave the class! It is like Jae armed me, and just kicked me off the home to face the real world.
- Great TA!
- Good approash
- Josh is amazing! I always felt comfortable asking him questions, and he is so passionate about this. I wish he was my TA for all of my classes.

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: John Zhuang Hui



6		oes th nglish	is TA communicate effectively in ?	n	N=11
	1	Yes		11	(100%)
	2	No	0 (0%)		
	3	N/A	0 (0%)		
	M	edian <b>1</b>	Interpolated Median 1.00		

## **Program Evaluation System**

Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

### TA Comments Report for: John Zhuang Hui

- Good approash
- Graded extremely harshly for the most mundane reasons. The sadism of Jae seems to rub off on his TA's.
- I do not know any TAs but had to evaluate one so ...
- John is terrifically knowledgeable and projects to a large classroom quite well. He has a commanding presence and captivating style of lecturing. His explanations are always thorough, clear, and accurate.

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Katie Stein



1	Poor	<b>0</b> (0%)	
2	Fair	<b>0</b> (0%)	
3	Good	<b>0</b> (0%)	
4	Very Good	<b>2</b> (18%)	
5	Excellent		<b>9</b> (82%)
Me	dian 5 Interpolate	ed Median <b>4.89</b> Mean <b>4.82</b> St	td Dev <b>0.40</b>

3	Approachability			N=11
	1	Poor	<b>0</b> (0%)	
	2	Fair	<b>0</b> (0%)	
	3	Good	<b>0</b> (0%)	
	4	Very Good	<b>1</b> (9%)	
	5	Excellent		<b>10</b> (91%)
	Me	edian 5 Interpolate	ed Median 4.95Mean 4.91	Std Dev <b>0.30</b>

4	A	N=11	
	1	Poor	0 (0%)
	2	Fair	0 (0%)
	3	Good	1 (9%)
	4	Very Good	0 (0%)
	5	Excellent	<b>10</b> (91%)
	Me	edian 5 Interpolat	ed Median 4.95Mean 4.82 Std Dev 0.60

5	Communication			N=11
	1	Poor	<b>0</b> (0%)	
	2	Fair	<b>0</b> (0%)	
	3	Good	<b>0</b> (0%)	
	4	Very Good	<b>2</b> (18%)	
	5	Excellent		<b>9</b> (82%)
	Me	edian 5 Interpolate	ed Median <b>4.89</b> Mean <b>4.82</b> St	d Dev <b>0.40</b>

6	Does this TA communicate effectively in N=11 english?					
	1	Yes	1:	<b>L</b> (100%)		
	2	No	0 (0%)			
	3	N/A	0 (0%)			
	M	edian <b>1</b>	Interpolated Median 1.00			

Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## **Program Evaluation System**

Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

#### TA Comments Report for: Katie Stein

- Good approash
- Approachable and always eager to help, very kind and attentive to student's needs and questions even during times of increased pressure. Very knowledgable and is able to guide students towards the right thought-process without ever 'giving away' the answer. It was a pleasure to have Katie as a TA for this course and I hope more TA's like her will continue on with this challenging class.
- Katie is loud and clear in her presentation of course material and explains concepts well.
- As a graduating senior, I can say without any doubt that Katie is the best TA that I had at Columbia.

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

Dates: 12/04/2017 - 12/14/2017

Responses: 95/181 - 52.49% Number of Participants: 181

Enrollment of All Students: 181

#### TA Graph Report for: Kevin Chen



	~	vanab.	iii cy		11-25
	1	Poor		<b>0</b> (0%)	
	2	Fair		<b>0</b> (0%)	
	3	Good		<b>1</b> (4%)	
	4	Very G	lood	<b>2</b> (9%)	
	5	Excelle	ent		<b>20</b> (87%)
	Me	edian <b>5</b>	Interpolated	d Median <b>4.93</b> Mean <b>4</b>	.83 Std Dev 0.49
F	<b>C</b>		nication		N-22

Э	Communication				N=23
	1	Poor		<b>0</b> (0%)	
	2	Fair		<b>0</b> (0%)	
	3	Good		<b>1</b> (4%)	
	4	Very G	Good	<b>1</b> (4%)	
	5	Excelle	ent		<b>21</b> (91%)
	Me	edian <b>5</b>	Interpolate	ed Median <b>4.95</b> Mean <b>4.87</b> S	Std Dev <b>0.46</b>

6		Does this TA communicate effectively in N=23 english?				
	1	Yes			2	<b>3</b> (100%)
	2	No		<b>0</b> (0%)		
	3	N/A		<b>0</b> (0%)		
	Μ	edian <b>1</b>	Interpolate	d Median 1.00		

## **Program Evaluation System**

# Title: Fall 2017 COMS Final Evaluation

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

### TA Comments Report for: Kevin Chen

- Good approash
- Thank you for your support
- I didn't really interact with any TA.
- Kevin was great at the review sessions and super office hours. He explains the problem and solutions thoroughly.
- Kevin is the absolute best. He is extremely knowledgeable. His review sessions helped me so much. He does a great job reviewing old concepts without being too repetitive. His review session for the final exam (which he put together himself) was very well designed and well taught.

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Nelson Gomez **Overall Quality** N=20 1 1 Poor 1 (5%) Fair 0 (0%) 2 0 (0%) 3 Good Very Good 4 (20%) 4 5 Excellent 15 (75%) Median 5 Interpolated Median 4.83Mean 4.60 Std Dev 0.94 Knowledgeability 2 N=20 Poor 1 1 (5%) **0** (0%) 2 Fair **0** (0%) 3 Good Very Good 2 (10%) 4 5 Excellent 17 (85%) Median 5 Interpolated Median 4.91Mean 4.70 Std Dev 0.92 Approachability 3 N=20 Poor 1 (5%) 1 0 (0%) 2 Fair 3 Good 0 (0%) Very Good 5 (25%) 4 5 Excellent 14 (70%) Median 5 Interpolated Median 4.79Mean 4.55 Std Dev 0.94 Availability N=20 4 Poor 1 (5%) 1 0 (0%) 2 Fair Good 0 (0%) 3 Very Good 5 (25%) 4 5 Excellent 14 (70%) Median 5 Interpolated Median 4.79Mean 4.55 Std Dev 0.94 5 Communication N=20 Poor 1 (5%) 1 0 (0%) 2 Fair 3 Good 0 (0%) Very Good 3 (15%) 4 5 Excellent 16 (80%) Interpolated Median 4.88 Mean 4.65 Std Dev 0.93 Median 5

6	Does this TA communicate effectively in N=20 english?						
	1	Yes				1	<b>9</b> (95%)
	2	No			<b>1</b> (5%)		
	3	N/A			<b>0</b> (0%)		
	Μ	edian <b>1</b>	Interpolate	d Medi	an <b>1.03</b>		

## Title: Fall 2017 COMS Final Evaluation

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## **Program Evaluation System**

Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

#### TA Comments Report for: Nelson Gomez

- Nelson was always ahead of other TA's in the listserv, always giving answers of very high standard.
- Nelson had given me a lot of great tips for AP. The tips came in handy to learn from the labs to do well on the Midterms. So yeah my labs are messier with lots of his comments but hey, I learned.
- Nelson's emails are very helpful because they are so clear but detailed enough.
- Good approash
- Nelson comes across as very knowledgeable and modest, with a true passion for computer science and teaching others.

Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## Dates: 12/04/2017 - 12/14/2017

Responses: **95/181 - 52.49%** Number of Participants: **181** 

Enrollment of All Students: 181

#### TA Graph Report for: Tony Qian





3	A	N=12	
	1	Poor	1 (8%)
	2	Fair	0 (0%)
	3	Good	1 (8%)
	4	Very Good	0 (0%)
	5	Excellent	<b>10</b> (83%
	Me	edian <b>5</b> Interpolate	ed Median <b>4.90</b> Mean <b>4.50</b> Std Dev <b>1.24</b>

4	A	N=12	
	1	Poor	0 (0%)
	2	Fair	0 (0%)
	3	Good	<b>2</b> (17%)
	4	Very Good	0 (0%)
	5	Excellent	<b>10</b> (83%)
	Me	edian 5 Interpolat	ted Median 4.90Mean 4.67 Std Dev 0.78

5	С	N=12		
	1	Poor	<b>0</b> (0%)	
	2	Fair	<b>0</b> (0%)	
	3	Good	<b>2</b> (17%)	
	4	Very Good	1 (8%)	
	5	Excellent		<b>9</b> (75%)
	Me	dian 5 Interpolat	ed Median <b>4.83</b> Mean <b>4.58</b> St	d Dev <b>0.79</b>

6		oes th nglish?	is TA communicate effectively in	N=12
	1	Yes	12	2 (100%)
	2	No	0 (0%)	
	3	N/A	0 (0%)	
	M	edian <b>1</b>	Interpolated Median 1.00	

### Title: Fall 2017 COMS Final Evaluation Course: COMSW3157\_001\_2017\_3 / ADVANCED PROGRAMMING Instructors: Jae W Lee

## **Program Evaluation System**

Dates: 12/04/2017 - 12/14/2017 Responses: 95/181 - 52.49% Enrollment of Registered Students:181 Enrollment of All Students:181

#### TA Comments Report for: Tony Qian

- Tony helped me a lot during office hours. He has a stellar grasp of the material and is able to understand the pitfalls that students learning the material the first time face. He provides really great explanations of concepts and helps with figuring out what is wrong with my code.
- Tony would write down our UNIs from office hours and follow up with us through email with anything we did not finish. I've never had a TA do this before, and his thoughtfulness was much appreciated and helpful! :)
- Good approash
- Extremely helpful when I went to their OH, and was willing to help you understand the material!