

Lydia B. Chilton Curriculum Vitae

Stanford Computer Science #360
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Education	Stanford University , Post-Doctoral Fellow	2016
	University of Washington , PhD <i>Dynamic Crowd Algorithms for Complex Problems</i> Advisors: James A. Landay and Daniel S. Weld	2009 - 2015
	Stanford University , Visiting Student	2014 - 2015
	MIT , MEng Electrical Engineering and Computer Science <i>Seaweed: A Web Application for Designing Economic Games</i> Advisor: Robert C. Miller	2009
	MIT , S.B. Electrical Engineering and Computer Science	2007
	MIT , S.B. Economics	2006
Internships	Google Knowledge Research (Mountain View, California) Mentor: David Huynh	2013
	Microsoft Research Asia (Beijing, China) September 2010 - September 2011 Mentor: James Landay	2010 - 2011
	Microsoft Research (Redmond, Washington, USA) July 2010 - September 2010 Mentor: Shamsi Iqbal	2010
	Microsoft Research (Redmond, Washington, USA) April 2010 - July 2010 Mentor: Jaime Teevan	2010
Publications	<i>HumorTools: A Microtask Workflow for Generating News Satire</i> Lydia B. Chilton , Daniel S. Weld, James A. Landay. <i>In submission to WWW 2016</i>	2016
	<i>Frenzy: Collaborative Data Organization for Creating Conference Sessions</i>	2014

- Lydia B. Chilton**, Juho Kim, Paul Andre, Felicia Cordeiro, James A. Landay, Daniel S. Weld, Steven P. Dow, Robert C. Miller, Haoqi Zhang. Full Paper at CHI 2014.
Honorable Mention for Best Paper
- Cascade: Crowdsourcing Taxonomy Creation* 2013
Lydia B. Chilton, Greg Little, Darren Edge, Daniel S. Weld, James A. Landay. Full Paper at CHI 2013.
- Community clustering: Leveraging an academic crowd to form coherent conference sessions.* 2013
Paul Andre, Haoqi Zhang, Juho Kim, **Lydia B. Chilton**, Steven P. Dow, and Robert C. Miller. HCOMP 2013.
Honorable Mention for Best Paper
- Cobi: A community-informed conference scheduling tool.* 2013
Juho Kim, Haoqi Zhang, Paul André, **Lydia B. Chilton**, Wendy Mackay, Michel Beaudouin-Lafon, Robert C. Miller, and Steven P. Dow. Full paper at UIST 2013.
- Addressing Users' Queries directly in the Web Search Results* 2011
Lydia B. Chilton and Jaime Teevan. Full paper at WWW 2011
- Task Search in a Human Computation Market* 2010
Lydia B. Chilton, John J. Horton, Robert C. Miller, Shiri Azenkot. Full paper at KDD-HCOMP 2010.
- Exploring Iterative and Parallel Human Computation Processes* 2010
Greg Little, **Lydia B. Chilton**, Max Goldman, Robert C. Miller. Full paper at KDD-HCOMP 2010.
- TurKit: Human Computation Algorithms on Mechanical Turk* 2010
Greg Little, **Lydia B. Chilton**, Max Goldman, Robert C. Miller. Full paper at UIST 2010.
- The Labor Economics of Paid Crowdsourcing* 2010
John J. Horton, **Lydia B. Chilton**
Full paper at ACM E-Commerce 2010.
- Seaweed: A web application for designing economic games.* 2009
Lydia B. Chilton, Clayton T. Sims, Max Goldman, Greg

	Little, and Robert C. Miller. SIGKDD HCOMP 2009.	
	<i>Tabulator: Exploring and analyzing linked data on the semantic web.</i> Tim Berners-Lee, Yuhsin Chen, Lydia B. Chilton , Dan Connolly, Ruth Dhanaraj, James Hollenbach, Adam Lerer, and David Sheets. <i>Semantic Web User Interaction Workshop</i> , 2006.	2006
Book Chapters	<i>Why We Customize the Web.</i> Lydia B. Chilton , Robert C. Miller, Greg Little, and Chen-Hsiang Yu. Chapter In A. Cypher, M. Dontcheva, T. Lau, and J. Nichols, eds., <i>No Code Required: Giving Users Tools to Transform the Web</i> , Elsevier, 2010.	2010
	<i>Rewriting the Web with Chickenfoot</i> Robert C. Miller, Michael Bolin, Lydia B. Chilton , Greg Little, Matthew Webber, and Chen-Hsiang Yu. Chapter In A. Cypher, M. Dontcheva, T. Lau, and J. Nichols, eds. <i>No Code Required: Giving Users Tools to Transform the Web</i> , Elsevier, 2010.	2010
Teaching	Stanford CS 376 Research Topics in Human-Computer Interaction TA Spring 2015. Instructor: Prof. Michael Bernstein	2015
	UW CSE 473 Undergraduate Artificial Intelligence TA Spring 2012. Instructor: Prof. Dan Weld	2012
	UW CSE 546 Graduate Machine Learning (UW) TA Winter 2012. Instructor: Prof. Luke Zettlemoyer	2012
	MIT 6.470 IAP Web Programming Competition In 2008, I established 6.470, a month-long web programming class and competition for MIT students. I was the chairman in 2008 and 2009, and a staff member and instructor for 2010. The class serves approximately 100 students with a \$40,000 annual budget from sponsor contributions.	2008 - 2010
	MIT 6.831 User Interface Design and Implementation TA Spring 2009. Instructor: Prof. Rob Miller	2009
	MIT 1.00 Introduction to Java Programming for Engineers	2008

	Head TA Fall 2008, TA Spring 2008 Instructor: George Kocur	
	MIT 6.UAT Communications for all EECS Majors TA Fall 2007 Instructor: Tony Eng	2007
Grants	The Brown Institute for Media Innovation: Magic Grant \$110k PI: Lydia B. Chilton	2015
Awards & Recognition	Facebook Fellowship	2013
	MIT EECS Rising Academic Stars Workshop	2012
	UW Denice Denton Scholarship	2009 - 2010
	Google Anita Borg Scholarship	2010
	MIT Charles & Jennifer Johnson MEng Thesis Award	2009
	MIT Special EECS Department Recognition Award for starting 6.470	2009
	MIT 6.UAT – Communications for EECS students <i>Best Overall Presentations</i>	2007
	MIT 6.170 Software Engineering – Best User Interface Award	2007
	MIT Burchard Scholar in the Humanities	2005
	MIT Undergraduate Economics Research Journal publication of my economics undergraduate thesis	2005
Invited Talks	Stanford HCI Seminar Title: <i>Key Difference between Crowdsourcing and Communitysourcing</i> November 2013	2013
	ICSE Workshop on Crowdsourcing and Software Engineering in Hyderabad, India Title: <i>Crowdsourcing Complexity: Lessons for Software Engineering</i> June 2014	2014

	UC Berkeley HCI Seminar Title: <i>From Crowdsourcing to Communitysourcing</i> February 2014	2014
	MIT EECS Rising Academic Stars Workshop Title: <i>Cascade: Crowdsourcing Taxonomy Creation</i> November 2012	2012
	NerdNite Seattle Title: <i>Why are jokes funny? And how do we make them? A citizen science approach to discovering the hidden structure of jokes.</i> October 2012	2012
	MIT Center for Energy and Environmental Policy Research Annual Conference Title: <i>Emission Market Efficiency of the OTC NOx Budget Trading Program.</i>	2005
	MIT Center for Energy and Environmental Policy Research Annual Conference Title: <i>Emission Allocation Methods in the OTC NOx Budget Trading Program.</i>	2004
Program Committees	COBE Workshop on Crowdsourcing and Online Behavioral Experiments	2014 - 2016
	HCOMP (AAAI Conference on Human Computation and Crowdsourcing)	2013 - 2015
Service	HCOMP 2015 Publicity Chair	2015
	Organizer of CrowdCamp 2013 at HCOMP 2013 http://crowdresearch.org/crowdcamp/	2013
	Organizer of CrowdCamp 2013 at CSCW 2013 http://crowdresearch.org/crowdcamp-cscw2013/	2013
	Co-founder and Co-editor of the CrowdResearch community website http://crowdresearch.org/	2011-present
	CHI Co-organizer for CHI 2011 Workshop on Crowdsourcing and Human Computation (May 8, 2011)	

CHI 2011 Webmaster
<http://chi2011.org/>

2011