

Danaë Metaxa- Kakavouli

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Research Interests	Human-Computer Interaction; social computing; social media; judgements, heuristics, and bias in the context of technology.
Education	<p>Stanford University — 2015-present Ph.D. Candidate in Computer Science; Human-Computer Interaction Advisors: James Landay, Jeff Hancock</p> <p>Brown University — 2011-2015 B.A. Computer Science with honors B.A. Science & Society</p> <p>Smith College — Fall 2013 Visiting student</p>
Publications	<p>Metaxa-Kakavouli, D.; Wang, K.; Landay, J.A.; Hancock, J. Gender-Inclusive Design: Stereotypes and Biases in Web Interfaces. (<i>Under review</i>)</p> <p>Metaxa-Kakavouli, D.; Torres-Echeverry, N. Section 3: Google. In Finkel, J. et al. Fake News and Misinformation: The role of the nation's digital newsstands. (<i>In preparation</i>)</p> <p>Daskalova, N.; Metaxa-Kakavouli, D.; Tran, A.; Nugent, N.; Boergers, J.; McGeary, J.; Huang, J. SleepCoacher: A Personalized Automated Self-Experimentation System for Sleep Recommendations. UIST 2016.</p> <p>Metaxa-Kakavouli, D.; Rusak, G.; Teevan, J.; and Bernstein, M. The Web is Flat: The Inflation of Uncommon Experiences Online. CHI 2016. <i>Best Short Paper</i>.</p> <p>Papoutsaki, A.; Guo, H.; Metaxa-Kakavouli, D.; Gramazio, C.; Rasley, J.; Xie, W.; and Huang, J. Crowdsourcing from Scratch: A Pragmatic Experiment in Data Collection by Novice Requesters. HCOMP 2015. <i>Best Paper Runner-Up</i>.</p>
Awards	<p>2017 NSF Graduate Research Fellowship (Declined)</p> <p>2016 NSF Graduate Research Fellowship (Honorable Mention)</p> <p>2015 Stanford Graduate Fellowship</p>

Google Anita Borg Memorial Scholarship
Brown University Computer Science Undergraduate Award
2014
CRA Outstanding Undergraduate Researcher (Runner Up)
CRA Distributed Research Experiences for Undergraduates Award
2013
Box Engineering Diversity Scholarship
Brown University Undergraduate Teaching and Research Award

Research

Undergraduate Honors Thesis — 2014-2015
Professor Jeff Huang, Computer Science Department at Brown University
Worked with a graduate student, Nediya Daskalova, and Prof. Jeff Huang to use machine learning and statistical techniques (classification, correlation, causation) to build an app to provide sleep recommendations. Completed a thesis entitled "SleepCoach: Combining Computational and Clinician-Generated Sleep Recommendations"

Research Assistant — Summer 2014

Professor Michael Bernstein, Computer Science Department at Stanford University
Led a project to quantify and explain information imbalances online. Programmed using Python's Scrapy library, ran crowdsourcing jobs, did data analysis, wrote manuscript for publication, mentored and managed a high school intern.

Summer Intern — Summer 2014

Center for the Study of Language and Information (CSLI) at Stanford University
Conducted research as part of a selective and interdisciplinary cohort of students. Attended weekly seminars, presented research to an interdisciplinary audience.

Research Assistant — Summer 2013

Professor Wendy Chun, Modern Culture & Media Department at Brown University
Developed a MOOC (taught at 14 universities, Fall 2013) with international faculty. Created course plan and materials about the history of women in computing.

Youth and Media Lab Intern — Summer 2012

Berkman-Klein Center for Internet and Society at Harvard University
Prototyped and field-tested curricular modules (Boston, Chicago, D.C.) to foster youth engagement with digital media, including U.S. State Department's TechGirls program. Worked with graduate students using qualitative research tools to analyze focus group data.

Teaching

Graduate Teaching Assistant – Winter 2016

CS181: Computers, Ethics, and Public Policy at Stanford University
Held weekly section, evaluated student work, maintained course materials.

Head Teaching Assistant – Spring 2014, Spring 2015

CS8: A First Byte of Computer Science at Brown University

Developed syllabus with Prof. Michael Littman beginning Spring 2013. Hired and managed a staff of 12 TAs, held office hours and staff meetings, developed course materials (in-class activities, homeworks, readings), did grading.

Teaching Assistant – Fall 2014

CS130: User Interface Design and Evaluation at Brown University

Held office hours and labs, developed course materials (labs, homeworks, exams), did grading.

Teaching Assistant – Fall 2012, Fall 2013

CS17: Introduction to Computer Science at Brown University

CS111: Introduction to Computer Science at Smith College

Held office hours and labs, developed course materials (labs, homeworks, exams), did grading.

Industry

Core Data Science Team Intern, Fall 2017

Facebook; Menlo Park CA

Studying the impact of social ties and social capital on community resilience after natural disasters.

Software Engineering Intern, Summer 2015

MetaMind; Palo Alto, CA

Designing, prototyping, and implementing public web content and internal interfaces.

Service

Ph.D. Social Committee Chair — 2015-present

Computer Science Department at Stanford University

Founder and chair of Computer Science Social Committee. Secured first-ever funding for PhD social events from the Department. Reviewed proposals, budgeted and allocated funding to proposed projects for Ph.D. student community.

Ph.D. Liaison to the Faculty — 2015-2016

Computer Science Department at Stanford University

Attended faculty meetings to advocate for and inform the Ph.D. student body. Proposed and was awarded \$19,000 to fund the 2016-17 year for graduate student social events. Organized and hosted inaugural Department Town Hall bi-annual meetings.

Committee Member — 2016-2017

Computer Science Department at Stanford University

Served for eight weeks on admissions committee. Evaluated candidates, reported feedback, attended decision-making meetings.

Mentorship

2017

Kelly Wang, junior at Brown University

Rainy Che, junior at Northwestern University

2016

Mo Tiwari, incoming PhD student at Stanford University

Jared Bitz, junior at Stanford University

2015

Ella Sung, MS student at Stanford University

2014

Gili Rusak, sophomore at Stanford University

Other Leadership

Stanford EDGE Mentor, 2017-18

President, Stanford Alpine Club, 2017-18

Board Member, Stanford Hellenic Student Association, 2015-16

Mentor, Women in Computer Science at Brown University 2012-15