Danaë Metaxa-Kakavouli

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dmetaxak.github.io

Interests
: Human-Computer Interaction; social computing; social media; judgements, heuristics, and bias in the context of technology.

Education

Stanford University — 2015-present
Ph.D. Candidate in Computer Science; Human-Computer Interaction
Advisors: James Landay, Jeff Hancock

Brown University — 2011-2015
B.A. Computer Science with honors
B.A. Science & Society

Smith College — Fall 2013
Visiting student

Publications

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.

Metaxa-Kakavouli, D., Rusak, G., Teevan, J., and Bernstein, M. The Web is Flat: The Inflation of Uncommon Experiences Online. CHI 2016. *Best Short Paper.*

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. *Best Paper Runner-Up.*

Awards

2017
NSF Graduate Research Fellowship
2016
NSF Graduate Research Fellowship (Runner Up)
2015
Stanford Graduate Fellowship
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, Nediyana 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 "SleepCoacher: 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

Software Engineering Intern — Summer 2015
MetaMind; Palo Alto, CA
Designing, prototyping, and implementing public web content and internal interfaces.

Software Engineering in Test Intern — Summer 2011
Microsoft; Cambridge, MA
Writing automated tests and performing manual testing on the Application Virtualization team.

Service

Ph.D. Social Committee Chair — 2015-present
Computer Science Department at Stanford University
Founder and chair of Computer Science Social Committee. Reviewed proposals, budgeted and allocated funding, organized social events 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
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

President, Stanford Alpine Club — 2017-2018
Board Member, Stanford Hellenic Student Association — 2015-2016
Mentor, Women in Computer Science at Brown University — 2012-2015