

Danaë Metaxa- Kakavouli

Gates Building 360
353 Serra Mall
Stanford, CA 94305

metaxa@cs.stanford.edu

dmetaxak.github.io

Academic Interests Human-Computer Interaction; computational social science; technology ethics, law, and policy; technology and bias.

Education **Stanford University** — 2015-present
Ph.D. Candidate in Computer Science; Human-Computer Interaction
Advisors: James Landay (Computer Science), Jeff Hancock (Communication)
GPA: 4.0/4.0

Brown University — 2011-2015
B.A. Computer Science with Honors; B.A. Science, Technology, and Society
GPA: 3.9/4.0

Smith College — Fall 2013
Visiting student; GPA: 4.0/4.0

Publications **Metaxa-Kakavouli, D.**; Maas, P.; Aldrich, D. How Social Ties Influence Hurricane Evacuation Behavior. *Under review*.

Metaxa-Kakavouli, D.; Wang, K.; Landay, J.A.; Hancock, J. Gender-Inclusive Design: Stereotypes and Biases in Web Interfaces. CHI 2018. <https://dl.acm.org/citation.cfm?id=3173574.3174188>

Metaxa-Kakavouli, D.; Torres-Echeverry, N. Google's Role in Spreading Fake News and Misinformation. Available at SSRN or <https://dx.doi.org/10.2139/ssrn.3062984>

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. <https://dl.acm.org/citation.cfm?id=2984534>

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*. <https://dl.acm.org/citation.cfm?id=2892424>

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*. <https://www.aaai.org/ocs/index.php/HCOMP/HCOMP15/paper/view/11582>

Awards

2018

Stanford McCoy Center for Ethics in Society Graduate Student Fellowship

2017

NSF Graduate Research Fellowship (Declined)

2016

NSF Graduate Research Fellowship (Honorable Mention)

2015

Stanford Graduate Fellowship (2015-2020)

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 "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 2016-17, Winter 2017-18

CS181: Computers, Ethics, and Public Policy at Stanford University

Developed curriculum, lectured, 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), evaluated student work.

Teaching Assistant – Fall 2014

CS130: User Interface Design and Evaluation at Brown University

Held office hours and labs, developed course materials (labs, homeworks, exams), evaluated student work.

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), evaluated student work.

Industry

Core Data Science Team Intern, Fall 2017

Facebook; Menlo Park CA

Studying the impact of social ties and social capital on community response during natural disasters.

Software Engineering Intern, Summer 2015

MetaMind; Palo Alto, CA

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

Service

ICWSM 2018 Web Chair — 2018

Ph.D. Social Committee Chair — 2015-present

Computer Science Department at Stanford University

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

Computer Science Department at Stanford University

Admissions Committee Member — 2016-2018

Computer Science Department at Stanford University

Mentorship

2018

Joon S. Park, incoming MS student at University of Illinois, Urbana-Champaign

Bec Smith, senior at Stanford University

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

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

Board Member, Brown Hellenic Student Association, 2011-2013