Danaë Metaxa

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Research interests

Human-computer interaction; social computing; computational social science; bias and discrimination; democracy and digital media; algorithm audits; tech ethics, law, and policy.

Education

Stanford University — 2015-present
Ph.D. Candidate in Computer Science
Advisors: James Landay (Computer Science), Jeff Hancock (Communication)
M.Sc. awarded in 2018
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

Awards

Predoctoral Scholar, Project on Democracy and the Internet, Stanford Law School (2019-20)
EECS Rising Stars Participant, University of Illinois at Urbana-Champaign (2019)
Stanford McCoy Center for Ethics in Society Graduate Student Fellowship (2018)
NSF Graduate Research Fellowship (2017, Declined)
NSF Graduate Research Fellowship - *Honorable Mention* (2016)
Stanford Graduate Fellowship (2015-2020)
Google Anita Borg Memorial Scholarship (2015)
Brown University Outstanding Computer Science Undergraduate Award (2015)
CRA Outstanding Undergraduate Researcher - Runner Up (2014)
CRA Distributed Research Experiences for Undergraduates Award (2014)
Box Engineering Diversity Scholarship (2013)
Brown University Undergraduate Teaching and Research Award (2013)

In-Progress publications

Metaxa, D.; Park, J.S.; Robertson, R.E.; Hancock, J.; Wilson, C.; Karahalios, K. "Guidelines for Auditing Search Media." *In progress.*

Metaxa, D.; Park, J.S.; Hancock, J.; Landay, J.A. "Context Sensitivities of the Search Engine Manipulation Effect." *In progress.*

Peer-reviewed publications	Xiao, S.; **Metaxa, D.**; Park, J.S.; Salehi, N. "Random, Messy, Funny Raw: Finstas as Intimate Reconfigurations of Social Media." CHI 2020. http://www.niloufar.org/publications/2020/Finsta_CHI2020.pdf *Honorable mention award!*
	Metaxa, D.; Park, J.S.; Landay, J.A.; Hancock, J. "Search Media and Elections: A Longitudinal Investigation of Political Search Results in the 2018 U.S. Elections." CSCW 2019. https://dl.acm.org/doi/abs/10.1145/3359231
	Metaxa, D.; Maas, P.; Aldrich, D. "How Social Ties Influence Hurricane Evacuation Behavior." CSCW 2018. https://dl.acm.org/citation.cfm?id=3274391
	Che, X.; **Metaxa, D.**; Hancock, J. "Fake News in the News: An Analysis of Partisan Coverage of the Fake News Phenomenon." CSCW 2018. https://dl.acm.org/citation.cfm?id=3274079
	Metaxa, 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
	Daskalova, N.; **Metaxa, 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, D.; Rusak, G.; Teevan, J.; and Bernstein, M. "The Web is Flat: The Inflation of Uncommon Experiences Online." CHI 2016. https://dl.acm.org/citation.cfm?id=2892424 *Best short paper award!*
	Papoutsaki, A.; Guo, H.; **Metaxa, D.**; Gramazio, C.; Rasley, J.; Xie, W.; and Huang, J. "Crowdsourcing from Scratch: A Pragmatic Experiment in Data Collection by Novice Requesters." HCOMP 2015. https://www.aaai.org/ocs/index.php/HCOMP/HCOMP15/paper/view/11582 *Best paper runner-up!*
White papers	Garton Ash, T.; Gorwa, R.; **Metaxa, D.** Glasnost! Nine ways Facebook can make itself a better forum for free speech and democracy. 2019. Reuters Institute for the Study of Journalism. https://reutersinstitute.politics.ox.ac.uk/our-research/glasnost-nine-ways-facebook-can-make-itself-better-forum-free-speech-and-democracy
	Sheuerman, M.K. et al. "HCI Guidlines for Gender Equity and Inclusivity." https://www.morgan-klaus.com/sigchi-gender-guidelines
	Metaxa, D.; Torres-Echeverry, N. Google's Role in Spreading Fake News and Misinformation. SSRN https://dx.doi.org/10.2139/ssrn.3062984
Popular press	*Wired UK*. Gorwa, R,; **Metaxa, D.** Here's how Mark Zuckerberg can save Facebook from itself. March 4, 2019
	The Guardian. Hancock, J.; **Metaxa, D.**; Park, J. S. Are Google search results politically biased? September 6, 2018.
	The Conversation. Aldrich, D. P.; **Metaxa, D.** How your social network could save you from a disaster. July 16, 2018.

Invited talks	University of Illinois at Urbana-Champaign, CS598RK (HCI for ML), Oct. 2019 *Inclusive Design from the Lab to the Classroom.*
	Stanford University, CS247i (Design for Understanding), Oct. 2019 *Inclusive Web Design.*
	Stanford University, Democracy & Internet Scholars Workshop, Feb. 2019 *Search Media and Elections: Investigating Partisanship in Political Search Results*
	Stanford University Law School, Project on Democracy and Internet Seminar Series, Nov. 2018 *Algorithmic Audits & Political Bias in Web Search*
Research internships	Professor Jeff Huang, Computer Science Department at Brown University Undergraduate Honors Thesis Research Assistant — 2014-2015
	Professor Michael Bernstein, Computer Science Department at Stanford University Summer Research Assistant — Summer 2014
	Center for the Study of Language and Information (CSLI) at Stanford University Summer Intern — Summer 2014
	Professor Wendy Chun, Modern Culture & Media Department at Brown University Research Assistant — Summer 2013
	Berkman-Klein Center for Internet and Society at Harvard University Youth and Media Lab Intern — Summer 2012
Teaching	Graduate Teaching Assistant, Stanford University CS181: Computers, Ethics, and Public Policy (Winter 2016-17, Winter 2017-18)
	Head Teaching Assistant, Brown University CS8: A First Byte of Computer Science (Spring 2014, Spring 2015)
	Teaching Assistant, Brown University CS130: User Interface Design and Evaluation at Brown University (Fall 2014) CS17: Introduction to Computer Science (Fall 2012)
	Teaching Assistant, Smith College CS111: Introduction to Computer Science (Fall 2013)
Industry internships	Facebook – Menlo Park, CA Core Data Science Team Intern, Fall 2017
	MetaMind – Palo Alto, CA Software Engineering Intern, Summer 2015
Service: Reviewing	Conferences: CSCW'20, CHI'20, ICWSM'20, CSCW'19, CHI'18, ICWSM'18
	Journals: *Information, Communication, and Society* (Oct'19)

Service: Committees	CSCW Steering Committee graduate student member (2019-present)
	Faculty Broad Area Search Committee graduate student member (2018-present)
	Computer Science Department at Stanford University
	ICWSM conference 2018 Web Chair (2018)
	Ph.D. Social Committee Chair (2015-present)
	Computer Science Department, Stanford University
	Faculty Broad Area Search Committee (2018-19)
	Computer Science Department, Stanford University
	Graduate Admissions Committee Member (2016-7, 2017-18)
	Computer Science Department, Stanford University
	Ph.D. Liaison to the Faculty (2015-2016)
	Computer Science Department, Stanford University
Mentoring	2019-20
	Aayush Agrawal, sophomore at Stanford University
	Ayush Pandit, sophomore at Stanford University
	Colin Kalicki, sophomore at Stanford University
	Justin Tinker, sophomore at Stanford University
	Michelle Gan, sophomore at Stanford University
	2018-19
	Joon S. Park, MS student at UIUC / incoming Stanford Ph.D. student
	Bec Smith, junior / now senior at Stanford University
	Michelle Park, senior / now co-terminal MS student at Stanford University
	2017-18
	Kelly Wang, junior at Brown University / now software engineer at Facebook
	Xunru (Rainy) Che, junior at Northwestern University / now software engineer at Instagram
	2016-17
	Mo Tiwari, incoming / now current PhD student at Stanford University
	Jared Bitz, first year / now School of Ed Masters student at Stanford University
	2014-15
	Gili Rusak, sophomore / now co-terminal Masters student at Stanford University
Other leadership	Stanford EDGE Mentor, 2017-19
	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, Hellenic Student Association at Brown University, 2011-2013