

# DANAË METAXA-KAKAVOULI

danae@cs.stanford.edu · (781) 591 9636

## EDUCATION

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### Stanford University

Ph.D. Student in Computer Science

September 2015 – current

### Brown University

B.A. Computer Science with Honors

B.A. Science & Society

September 2011 – May 2015

### Smith College (domestic exchange)

September 2013 – December 2013

## PUBLICATIONS

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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.

## RESEARCH

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### Senior Honors Thesis

*Prof. Jeff Huang, HCI Lab*

Fall 2014 – Spring 2015

*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.

Wrote thesis entitled, "SleepCoach: Combining Computational and Clinician-Generated Sleep Recommendations"

### Research Assistant, DREU Recipient

*Prof. Michael Bernstein, HCI Group*

Summer 2014

*Stanford University*

Led a project under Prof. Michael Bernstein to quantify and explain information imbalances online.

Coded using Python's Scrapy library, ran crowdsourcing jobs, did data analysis, wrote paper for publication (submitted to CHI 2015), mentored and managed a high school intern.

### Summer Intern

*Center for the Study of Language and Information (CSLI)*

Summer 2014

*Stanford University*

Selected for a summer program for students in Computer Science, Linguistics, and Psychology.

Attended weekly seminars, presented research to an interdisciplinary audience.

### Research Assistant

*Prof. Jeff Huang, HCI Lab*

Spring 2014

*Brown University*

Experimented with crowdsourcing and developed a taxonomy of strategies for crowdsourcing data collection. Cleaned and analyzed data.

Contributed first draft of results, conclusion and edits to publication paper (in submission to CHI 2015).

### Research Assistant, UTRA Recipient

*Prof. Wendy Chun, Modern Culture & Media Department*

Summer 2013

*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.

**Summer Intern***Berkman Center for Internet and Society, Youth & Media Lab*

Summer 2012

*Harvard University*

Prototyped and field-tested curricular modules (Boston, Chicago, D.C.) to foster youth engagement with digital media, including U.S. State Dept's *TechGirls* program.

Worked with graduate students using qualitative research tools to analyze focus group data.

**INDUSTRY**

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**Software Engineering Intern***MetaMind*

Summer 2015

*Palo Alto, CA*

Designing, prototyping, and implementing new web content for MetaMind's website.

**Software Engineering in Test Intern***Microsoft*

Summer 2011

*Cambridge, MA*

Wrote automated tests and performed manual testing on the Application Virtualization team.

**TEACHING**

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**Head Teaching Assistant***CS8: A Byte of Computer Science*

Spring 2014

*Brown University*

Developed syllabus with Prof. Michael Littman beginning Spring 2013.

Hired and managed a TA staff of 12, held office hours and staff meetings, developed course materials (in-class activities, homeworks, readings), did grading.

**Teaching Assistant***CS130: User Interface Design & Evaluation*

Fall 2014

*Brown University*

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

**Teaching Assistant***CS111: Introduction to Computer Science*

Fall 2013

*Smith College*

Held office hours and labs.

**Teaching Assistant***CS22: Introduction to Discrete Structures & Probability*

Spring 2013

*Brown University*

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

**Teaching Assistant***CS17: Introduction to Computer Science*

Fall 2012

*Brown University*

Held office hours and labs, managed scheduling, developed course materials (labs, homeworks, exams).

**AWARDS**

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**Stanford Graduate Fellowship**

Recipient (2015-2018)

**Google Anita Borg Memorial Scholarship**

Winner (2015)

**Brown University Computer Science Undergraduate Award**

Recipient (2015)

**CRA Outstanding Undergraduate Researcher**

National Runner-Up (2014)

**Box Engineering Diversity Scholarship**

Winner (2013)

**Brown University Undergraduate Teaching and Research Award**

Recipient (2013)

**NCWIT Aspirations Award**

National Runner-Up (2011)