# Danaë Metaxa-Kakavouli

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## EDUCATION

**Stanford University**                                            September 2015 – current
Ph.D. Student in Computer Science
Human-Computer Interaction Group
Advisor: James Landay

**Brown University**                                              September 2011 – May 2015
B.A. Computer Science with Honors                                Cumulative GPA: 3.9/4.0
B.A. Science & Society

## 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.*

## RESEARCH

**Senior Honors Thesis**                                              Fall 2014 – Spring 2015
*Prof. Jeff Huang, HCI Lab*                                                *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.
*Thesis:* SleepCoacher: Combining Computational and Clinician-Generated Sleep Recommendations

**Research Assistant, DREU Awardee**                                           Summer 2014
*Prof. Michael Bernstein, HCI Group*                                       *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**                                                            Summer 2014
*Center for the Study of Language and Information (CSLI)*                   *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, UTRA Recipient**                                         Summer 2013
*Prof. Wendy Chun, Modern Culture & Media Department*                       *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**                                             Summer 2012
*Berkman Klein Center for Internet and Society, Youth & Media Lab*    *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

**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*

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

## TEACHING & SERVICE

**Ph.D. Liaison to the Faculty**                              2015-16

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.

**Head Teaching Assistant**                                   Spring 2014-15
*CS8: A Byte of Computer Science*                             *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**                                        Fall 2014
*CS130: User Interface Design & Evaluation*                   *Brown University*

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

**Teaching Assistant**                                        Spring 2013
*CS22: Introduction to Discrete Structures & Probability*     *Brown University*

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

**Teaching Assistant**                                        Fall 2012/Fall 2013
*CS17/CS111: Introduction to Computer Science*                *Brown University/Smith College*

Held office hours and labs, developed course materials (labs, homeworks, exams); at Brown University in 2012 and at Smith College (while studying "abroad") in 2013.

## AWARDS

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| **NSF Graduate Research Fellowship** | Honorable Mention *(2016)* |
| **Stanford Graduate Fellowship** | Recipient *(2015)* |
| **Google Anita Borg Memorial Scholarship** | Winner *(2015)* |
| **Brown University Computer Science Undergraduate Award** | Recipient *(2015)* |
| **CRA Outstanding Undergraduate Researcher** | Runner-Up *(2014)* |
| **Box Engineering Diversity Scholarship** | Winner *(2013)* |
| **Brown University Undergraduate Teaching and Research Award** | Recipient *(2013)* |
| **NCWIT Aspirations Award** | Runner-Up *(2011)* |