

AMANDA BAUGHAN

PhD Student at the University of Washington
baughan@cs.washington.edu
<https://homes.cs.washington.edu/~baughan/>

EDUCATION

PhD	University of Washington, Computer Science and Engineering Advisor: Alexis Hiniker	2018-present
BA	University of Miami, Computer Science and Economics Graduated <i>magna cum laude</i> Minor in Spanish	2016

HONORS AND AWARDS

Wilma Bradley Endowed Fellowship in Computer Science & Engineering Recruitment fellowship for first year of PhD.	2018-2019
Isaac B. Singer Scholarship Scholarship covering full tuition for undergraduate education, awarded on academic merit and an interview process.	2012-2016
Foote Fellowship Honorary fellowship that exempts recipients from general education requirements for undergraduate education.	2012-2016

PUBLICATIONS

Refereed Conference Papers

Amanda Baughan, Tal August, Naomi Yamashita, and Katharina Reinecke. Keep it Simple: How Visual Complexity and Preferences Impact Search Efficiency on Websites. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI)*. 2020.

Amanda Baughan*, Nigini Oliveira*, Tal August, Naomi Yamashita, and Katharina Reinecke. Do Cross-Cultural Differences in Visual Attention Patterns Affect Search Efficiency on Websites? *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI)*. 2021. (to appear) **Honorable Mention Award**.

*Joint first-authorship

Refereed Journal Papers

Amanda Baughan, Justin Petelka, and Catherine Jaekyung Yoo, Jack Lo, Shiyue Wang, Amulya Paramasivam, Ashley Zhou, and Alexis Hiniker. Someone Is Wrong on the Internet: Having Hard Conversations in Online Spaces. *Proceedings of the ACM on Human-Computer Interaction (CSCW)*. 2021. (to appear)

Journal Papers in Review

Amanda Baughan, Elena Khasanova, Katherine Cross, and Alexis Hiniker. Shame on Who? Experimentally Reducing Shame During Political Arguments on Twitter. (submitted to *PACM HCI April 2021*)

Papers in Progress

Amanda Baughan, Elena Khasanova, Katherine Cross, and Alexis Hiniker. With All Due Respect: Language Differences Across the Aisle on Twitter . *(planned for ICWSM 2021)*

Amanda Baughan, Justin Petelka, and Catherine J. Yoo, Jack Lo, Shiyue Wang, Amulya Paramasivam, Ashley Zhou, and Alexis Hiniker. Resolutions without Apologies: How Difficult Online Conversations are Resolved. *(planned for CHI 2022)*

Amanda Baughan, Katherine Hess, and Alexis Hiniker. Mindful of Our Shared Humanity: Experimentally Improving Online Arguments with Design. *(planned for CHI 2022)*

Workshop Papers

Amanda Baughan. Crowdsourcing for Inclusion. *Engaging Race in HCI Workshop at ACM Conference on Human Factors in Computing Systems (CHI)*. 2020.

PROFESSIONAL EXPERIENCE

University of Washington 2018-present
Graduate Researcher, Advisor: Alexis Hiniker

- Mixed methods researcher with experience in large-scale quantitative analysis including NLP and data science techniques as well as experimental design, crowdsourcing, and qualitative methods.

Allen Institute for AI (AI2) 2019 to 2020
UX Researcher, Semantic Scholar

- Conducted qualitative and quantitative studies including usability interviews, context mapping, user journeys, persona creation, storyboard evaluation, surveys, and diary studies.
- Helped to increase explainability and calibrated trust for ML model recommendations by executing user studies and advocating for guidelines from Google PAIR handbook.

Google
UX Researcher, Operations Analyst 2016 to 2018

- Worked with Duo and Cloud research teams to design and execute UX research, presented results to inform product direction in collaboration with product managers.
- Analytics and tools development for internal operations, including prototyping new tools and collaborating with CorpEng to support existing tools. SQL, App Script, and user testing.

TEACHING EXPERIENCE

University of Washington Fall 2019
Teaching Assistant, Computer Science & Engineering
Course: Introduction to HCI (CSE 440)
Instructor: Katharina Reinecke

- Graduate TA for an undergraduate course with students per approximately 60 students, covering HCI research methods and human-centered design techniques

University of Washington Summer 2019
Teaching Assistant, Foster School of Business
Course: Programming Essentials (BUS AN 511)
Instructor: Joe Paxton

- Graduate TA for a course an introductory course in business analytics (data science in R) with approximately 30 students

University of Miami

Spring 2016

Teaching Assistant, Computer Science

Course: Introduction to Computer Science

Instructor: Mitsunori Ogihara

- Undergraduate TA for introductory computer science course of 100+ undergraduates

PROFESSIONAL SERVICE

Reviewing

- Journals: *Information Sciences* 2020.

COMMUNITY SERVICE

UW CSE Women Researcher's Organizer. Facilitating monthly lunches for women researchers to network and socialize. 2019-present.

Community Data Science Workshop Mentor. Assisted workshop attendees (from greater Seattle community) in learning Python programming for data scraping, analysis, and visualization. 2019.

UW CSE Graduate Student Mentor. Ongoing mentorship of two to three PhD students per year. 2019-2021.

LANGUAGES

English: Native Language

Spanish: Intermediate Listener and Speaker, Advanced Reading and Writing

OTHER

Dual Citizen of the US and UK.

Last updated April 2021.