

Naomi Johnson

Accessibility oriented software engineer with UX research experience

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RELEVANT EXPERIENCE

Microsoft, Redmond, WA — Software Engineer on M365

MAY 2020 - PRESENT

- Adding multi-stage review features to M365 Records Management.
- Ran usability tests on aka.ms/mentor and quantitative surveys; analyzed data; created 10 actionable tasks to improve our search UX. Implementation of four recommendations resulted in first-time users' fatal errors on search UX decreasing from 33% to zero percent during the 2020 Hackathon.

Adobe Research, Seattle, WA — Creative Technologies Lab Intern

JANUARY 2019 - APRIL 2019

- Used JavaScript to develop prototypes of algorithm to determine relationships between data and graph. Applications include generating an updated graph, suggesting graph types, and exploring data in [Data Illustrator](#).

Microsoft, Bellevue, WA — Explore Intern (PM + SWE)

MAY 2018 - AUGUST 2018

- Created prototypes and interviewed 10 users to gather requirements before designing, implementing in C#, and testing an error-tracking dashboard for the Satori knowledge graph AI pipeline. The site resulted in a savings of 120 hours per year on status checks and is still in use as of October 2020.

Stanford University, Stanford, CA — HCI Research Assistant

JUNE 2017 - AUGUST 2017

- Implemented 5 features in JavaScript to simplify the menu of web dev tool.
- Collected data and desk research to inform design for usability testing of web designer tool; technical writing for research paper published at CHI ([2018](#)).

Brigham Young University, Provo, UT — HCI Research Assistant

NOVEMBER 2016 - AUGUST 2018

- Ran an unmoderated scalable study and wrote Python scripts to analyze quantitative data from A/B/C testing of data annotation tools; published research at UbiComp ([2018](#)) and with Springer ([2019](#)).
- Received grant to design and run quantitative study about students' experience in the CS department, published research at FIE ([2019](#), [2019](#)).

EDUCATION

University of Virginia, Charlottesville, VA — Bachelor's

CLASS OF 2020

- Double majored in Computer Science and Japanese; 3.4GPA

SKILLS

Code: C++, C#, Python, R, HTML/CSS/JS, Java

People: Public speaking, writing, tutoring

UX Research: usability testing, field studies, user observations, card sorting, wireframing, clickable prototyping, mixed methods, statistics, personas, data analysis, storyboarding

AWARDS

Adobe Research's Women in Technology \$10k scholarship for women in tech ([2018](#))

\$1.5k Research grant to study minorities in tech; presented research at FIE ([2019](#), [2019](#))

PUBLICATIONS

Poirot: A Web Inspector for Designers ([2018](#) at CHI)

Understanding How Non-experts Collect and Annotate Activity Data ([2018](#) at UbiComp)

More on [Google Scholar](#)

LANGUAGES

Fluent in Japanese

Native English speaker

