Naomi Johnson

Accessibility oriented software engineer with UX research experience

202.908.8403

snjohnson789@gmail.com linkedin.com/in/naomi789 github.com/naomi789

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*IANUARY 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 <u>Data Illustrator</u>.

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

MAY 2018 - AUGUST 2018

•Created paper prototypes and interviewed 10 users to gather requirements before designing, implementing, 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*

- 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