

# Grace Brigham

Seattle, WA • nbrigham@uw.edu • linkedin.com/in/natalie-grace-brigham/

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## PROFESSIONAL SUMMARY

Rising graduate of University of Washington's joint BS/MS in computer science program with a passion for the intersection of technology and social impact. Recipient of UW's 2023 Husky 100 award. Experience with software engineering, from Microsoft and co-founded student start-up, as well as sociotechnical work.

## EDUCATION

### MS, Computer Science

University of Washington, Seattle

*Expected Graduation: 6/2024*

### BS, Computer Science

University of Washington, Seattle

*Expected Graduation: 12/2023*

- GPA: 3.95
- Awards: Husky 100, CSE Excellence Scholarship
- Programs: Interdisciplinary Honors, Lavin Entrepreneurship

## EXPERIENCE

### Software Engineering Intern

**06/2023 – Current**

#### Microsoft, Redmond

- Team: Responsible AI Tooling, Azure Machine Learning
- Developed local explainability and interpretability mechanisms for Azure ML Studio
- Contributed to open source repositories

### Undergraduate Researcher

**04/2023 – Current**

#### UW Security & Privacy Lab, Seattle

- Studying how to measure and mitigate negative externalities of new technologies
- Leading the creation and development of a research project for understanding people's conceptualization of consent in Deepfakes

### Co-Founder, Developer

**11/2021 – 06/2023**

#### Mezzo, Seattle

- Built a cross-platform app that helps users make mutually convenient plans for meetups
- Led development of MVP, which is in beta testing
- UW Dempsey Business Plan Competition finalists 2022 and 2023
- DubHacks Next incubator graduate
- Featured in [Geekwire](#) and UW's [The Daily](#)

### Software Engineering Intern

**06/2022 – 09/2022**

#### Microsoft, Redmond

- Team: Digital Employee Experience, Experiences & Devices
- Created an administrator portal within an HR application
  - Completed design, development, and testing
  - Implemented full stack changes and additions
  - Deployed the feature to production
- Participated in cloud computing bootcamps

**Mentor & Program Lead****01/2021 – 06/2022****UW Changemakers in Computing, Seattle**

- Led summer program for high schoolers with underrepresented identities in tech
- Developed coding and sociotechnical lessons from scratch
- Hired and trained a new cohort of mentors

**SKILLS**

Java | Python | React & React Native | JavaScript | PyTorch | C | C++ | SQL | HTML & CSS | Databases  
Networking Basics | Responsible Technology | Mentorship | Leadership | Teamwork

**VOLUNTEER WORK****Mentor****12/2020 – 06/2021****Society of Women Engineers, Seattle**

Mentored high school girls who were interested in STEM, helping them explore career paths, prepare for the transition to college, and navigating challenges, like imposter syndrome.

**Academic Excellence Chair****12/2020 – 06/2021****UW Kappa Delta, Seattle**

Created a resource hub for course and career exploration, preparation, and support. Oversaw and managed chapter academic performance.