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 sociotechnical work and research as well as software engineering, from Microsoft and co-founded student start-up.

EDUCATION

MS, Computer Science   *Expected Graduation:* **6/2024**
University of Washington, Seattle

BS, Computer Science   *Graduation:* **12/2023**
University of Washington, Seattle
- Overall GPA: 3.95 (Magna Cum Laude); CSE GPA: 3.93
- Awards: Husky 100, CSE Excellence Scholarship
- Programs: Interdisciplinary Honors, Lavin Entrepreneurship

EXPERIENCE

Researcher   **04/2023 – Current**
UW Security & Privacy Lab, Seattle
- Studying how to measure and mitigate negative externalities of new technologies under Tadayoshi Kohno
- Teaching assistant for CSE 484: Computer Security

Software Engineering Intern   **06/2023 – 09/2023**
Microsoft, Redmond
- Team: Responsible AI Tooling, Azure Machine Learning
- Developed local explainability and interpretability mechanisms for Azure ML Studio
- Contributed to open source repositories

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

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

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

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.