

ELISABETH (LISI) CASE

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SUMMARY OF QUALIFICATIONS

Senior Informatics and Honors student experienced in building and managing development projects with a focus on accessibility and optimizing user experience.

TOOLS

Java • React • HTML • CSS
• JavaScript • C • C++ •
Firebase • R • Git • Figma •
Microsoft Office Suite •
OmniGraffle

EDUCATION

B.S. in Informatics | University of Washington - Seattle

Sep. 2017 – Jun. 2022

- Interdisciplinary Honors
- Dean's List; 3.83 GPA
- Courses: DS & Algos;
Design Methods

ACTIVITIES

Honors Peer Educator

Sep. 2019 – Dec. 2019

ASUW UW Leaders

Jan. 2019 – Jun. 2019

ASUW Womxn's Action Commission & Senate

Mar. 2018 – Jun. 2018

Grey Matters Journal

Jan. 2018 – Jun. 2018

EXPERIENCE

Web Developer | Synbio for Everyone

May 2020 – Present

- Designs and develops educational website with tech team to improve synthetic biology education accessibility and improve STEM education equity (Figma, React)
- Develops web-based version of internationally-recognized 200-page curriculum, increasing accessibility for screen readers (HTML, CSS)

Teaching Assistant | UW Computer Science & Engineering

Sep. 2019 – Present

- Teaches ~20 students/quarter introductory coding fundamentals in Java, resulting in students' ability to write their own client and object classes
- Gives individual assistance/feedback via office hours and grading

Director of Finance | HuskyTech

Oct. 2018 – Apr. 2020

- Led finance team in developing budgets to effectively plan events with sponsors, helping over 350 students transition into tech careers
- Launched programs such as the Mentorship Program, connecting over 100 college students to 60 mentors from 25+ companies
- Collaborated with executive team to map a vision for future endeavors, both internal and external, and organized team events

Research Assistant | UW Electrical & Computer Engineering

Jun. 2019 – Sep. 2019

- Worked with Astrini Sie of Rombolabs to design a smart wearable device, "Smart Step," to help people descend stairs easily/intuitively
- Collected kinetics/kinematics data, allowing us to predict foot placement and investigate effects of haptic cue timing
- Parsed/cleaned raw data and completed signal processing of biological gait data from 50+ participants (MATLAB, Qualisys)

PROJECTS

Web Developer | INFO 340 (Client-Side Development)

Apr. 2020 – Jun. 2020

- Collaborated to design and develop dynamic web app for users to sign in, browse books, log reading, and create lists (HTML, CSS, JavaScript, React)
- Utilized Google Books API and user-entered data (Firebase)

Back-End Software Developer | CSE 373 (Structures & Algos)

Jan. 2019 – Mar. 2019

- Built components for HuskyMaps, a web application with rastering, autocomplete searching, route-finding, and seam-carving capabilities