

# ELISABETH (LISI) CASE

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## SUMMARY OF QUALIFICATIONS

Senior Informatics and Honors student experienced in managing projects and programs in collaboration with various stakeholders to optimize user experience for web applications.

## TOOLS

**Project:** Product Backlog • Use Cases • Service Blueprint • Workflow • Data Dictionary • Value Network Map

**Technical:** Java • React • HTML • CSS • JavaScript • C • C++ • Firebase • R • 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: Information Systems Analysis & Design; 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

**Project Manager | INFO 380 (Systems Analysis & Design)**

Apr. 2020 – Jun. 2020

- Led team in designing a centralized web app for college applicants
- Collaborated to design project, interview stakeholders, build product backlog, and develop proof of concept (Figma, Microsoft Azure, Oracle APEX)

**Front-End Software Developer | INFO 360 (Design Methods)**

Jul. 2019 – Aug. 2019

- Developed software for a campus map mobile website, setting the foundations to guide students through restorative paths and practices (HTML, CSS)
- Collaborated to research, ideate, prototype, and evaluate designs