

## Education

**University of Washington**, Seattle, WA  
B.S. in Mathematics  
B.S. in Informatics (track: Human-Computer Interaction)  
Expected June 2025  
Dean's List Recipient (All quarters)

## Relevant Coursework

Object-Oriented Programming  
Data Structures + Algorithms  
Client-Side Development  
Multivariable Calculus  
Differential Equations + Linear Algebra  
Statistics + Data Science

## Work Experience

**Student Housing Tour Guide**  
Housing Outreach UW HFS  
Mar 2023–Present

- Lead tours to showcase Resident Halls, student activity centers, and dining locations for new students
- Address questions/concerns from incoming students and parents, advocating safety and diverse programs

**Swim Instructor**  
Pedalheads Swim Co.  
Dec 2019–Jun 2021

- Mentored children of various ages in swimming and water safety, created lesson plans, and supervised activities

## Skills

**Technical Languages and Tools:**  
Java, HTML, CSS, R/RStudio, Git/GitHub, Visual Studio Code, JavaScript, React

**First Aid:**  
National Lifeguard, Water Safety Instructor, Standard First Aid (Red Cross Certified)

**Languages:** Mandarin, English

## Relevant Experience

### UI/UX Designer | EZ Park Mobile App | Sep–Dec 2022

- Designed a mobile application prototype with a team to tackle the parking challenges around campus
- Conducted user research and derived specific questions targeted to the students and staff population at UW
- Modeled all screens of the app, including onboarding, profile, payment, location, and parking choice, with Figma
- Presented a project pitch that talked about the accessibility and easy-to-understand features of the EZ Park App

### Hacker | DubHacks Hackathon | Oct 22–23, 2022

- Worked as a team to create a touchless Rock-paper-scissor mobile app game using ScriptUI, AVkit, UIKit, and Apple Vision to detect hand and joint motion
- Designed the user interface and interaction features
- Teamed up with peers to build Handput, the live joint-detection app that gives us feedback on joint motion
- Prototyped the user interface for the game, allowing users to experiment with the game by playing against bots

### Programmer | Absurdle Manager | Apr–Jun 2022

- Constructed a Java class simulating the popular game Wordle where users try to guess a word of a given length
- Reads in a preset dictionary with words that are equal in length, and users can only guess words in that dictionary
- Used Tree sets and Tree maps to set corresponding letters to be mapped out as green, yellow, or white
- The program tells users how many words their guess is similar to so the user can narrow down guesses

### Website Developer | My Earth Your Earth | Nov 2021–Present

- Developed a website using a template for the non-profit organization My Earth Your Earth, founded by friends
- Monitored website status, created website aesthetics, and updated new info (<https://myearthyourearth.com/>)

### Performance Director | Chinese Student Association | Sep 2022–Present

- Promote and educate the public about Chinese Culture to eliminate the stigma around the Chinese community
- Planned performances and stage set-ups, reviewed 10+ auditions, and optimized soundchecks
- Main point of contact for all performers and performance-related questions for the Annual Lunar Gala

### Cymbal Player | Husky Marching Band | Aug 2022–Present

- Performed at various Pre-game and Half-time shows at UW football games, including away games at the Valero Alamo Bowl in San Antonio, playing 40+ pieces of music and drumline cadence features as a drumline
- Practiced 15+ hours a week as the band differed from other bands by performing a different show every game