

# Jenny Peng

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## EDUCATION

### University of Washington

Bachelor of Science in Computer Science, GPA: 3.79 (Dean's List)

est. Sep. 2021 – June 2025

Seattle, Washington

**Relevant Courses:** Hardware/Software Interface, Software Design & Implementation, Foundations of Computing I (Fall 2022), Data Structures and Parallelism (Winter 2022)

## TECHNICAL SKILLS

**Programming Languages:** Java (proficient), HTML/CSS (beginner), SQL (beginner), C++ (beginner), Typescript (beginner)

**Developer Tools & Frameworks:** Visual Studio Code, IntelliJ, Figma, Git, React JS

## WORK EXPERIENCE

### Paul G. Allen School of Computer Science & Engineering | CSE 351 Teaching Assistant

Sept. 2022 - Present

- Teach a weekly quiz section, hold office hours to answer student questions, grade assignments, and collaborate with other TAs to complete other course duties.
- Revise course readings to improve clarity; course topics include introducing C, x86-64 assembly, number representation, memory management, and basic computer architecture.

## PROJECTS

### Campus Path Finder | Java, Typescript, React JS, Java Spark, CSS

May 2022

- Full-stack application that calculates and displays the shortest path between two given locations at the University of Washington.
- Implemented a directed graph, Dijkstra's algorithm, and TypeScript React user interface for course CSE 331.

### Mob - Meal Date Planner | HTML/CSS, React JS, Figma

Oct. 2021

- Placed in the top 3 finalists for the studio track of Dubhacks, a twenty-four-hour hackathon.
- Won Facebook Social Good award for designing inclusive features that help build connections.
- Created Figma prototype, and collaborated with three team members to design a web app that helps users decide where/when to eat with friends.

### Recipe Organizer | Java, Java Swing, SQL

March 2021

- Developed a desktop application that organizes user-inputted recipes for IB Computer Science HL internal assessment.
- Designed graphical user interface with Java Swing and implemented adding, reading, searching, and sorting features for recipes.
- Utilized SQL to store recipes and ingredients in relational tables.

## LEADERSHIP / EXTRACURRICULAR

### Advanced Robotics at UW | Software Team Lead

Jan. 2022 – Present

- Develop software for robot controls systems using C++, and collaborate with a team that represents the University of Washington in an annual Robomaster competition.

### Bittermilk | Indie Band

June 2020 – Present

- Self-taught lead singer and lyricist in a band that produces original indie pop music.
- Wrote and recorded five singles which have amassed over 1,400,000 streams on Spotify.

### Music for Charity at UW

April 2022 – May 2022

- Volunteered as a violinist for Music for Charity at UW, a student organization that holds orchestra fundraiser concerts. Helped fundraise for Seattle Children's Hospital.

### Online Business Co-Owner | [www.instagram.com/shop.cerulean/](https://www.instagram.com/shop.cerulean/)

June 2016 – Dec. 2021

- Digitally drew original designs for shirts; self-taught in digital art and graphic design.
- Over 2,000 orders world-wide; managed finances, designed Shopify website, and operated customer service.