

Peter Liu

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SUMMARY OF QUALIFICATIONS

- Thorough understanding of Software Engineering design principles through coursework and projects
- Ability to communicate with others in a group setting to accomplish different goals
- Eager to expand knowledge and acquire new skills to stay current with industry trends and continuously improve performance.
- Programming Languages used: C, C++, Python, JavaScript, TypeScript, Tailwind CSS, Svelte

EDUCATION

Bachelor of Science in Computer Science; GPA 4.0
Washington State University, Pullman, WA

Expected May 2027

Relevant Coursework:

Computer Programming, Data Structures C/C++, Program Design & Development C/C++, Advanced Data Structures C/C++ (In Progress), Intro to Computer Architecture (In Progress)

SKILLS

C, C++, Python, JavaScript, TypeScript, Tailwind CSS, Svelte; Strong Work Ethic, Communication skills

PROJECTS

Amethyst, Hackathon group project

2024

- Developed a dating website that integrates the **Gemini AI** API, enabling users to generate responses to enhance conversations.
- Collaborated with a team of 3 members to complete Amethyst in 24 hours, assigning responsibilities according to individual strengths and skill levels to optimize productivity and efficiency.
- Designed the front-end interface using **Typescript**, **Tailwind CSS**, and **Svelte** in coordination with other front-end developers.

Bender, WSU class project

2024

- Worked in a team of 3 to write a program using **C++** and **SFML** to produce an application to manipulate 3D objects through matrix operations.
- Implemented **Object-Oriented** principles to streamline feature development and a more maintainable codebase.
- Developed the feature to import .obj files, increasing application functionalities.

AWARDS AND EXPERIENCES

Awards: 1st Place CrimsonCode Hackathon (2024), 1st Place WSU Game Jam (2024)

Organizations: Association for Computing Machinery, WSU Game Development Club

OTHER EXPERIENCE

Assistant Technician, WSU Grass and Ecology Farm, Pullman, WA

June 2023 - December 2023

- Strong work ethic allowed for completion of a large volume of grass samples to be processed.
- Communicated between peers and supervisors prior to requests of absence in order to facilitate minimal disruption to team operations.