

WENZHI “WILL”. ZHUANG

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SUMMARY OF QUALIFICATIONS

- More than two years of experience in C++, Python and using Git in projects.
- Relevant project experience in Hardware Hackathon and tutoring experience as a TA and Peer-Tutor.
- Ability to demonstrate understanding and opinion in a cooperative team or 20 people tutoring environment.
- Excellent C/C++, Data structures, algorithms
- Proficient in OpenGL and SFML

EDUCATION

Bachelor of Science in Computer Science

Expected May 2022

Senior, Washington State University, Pullman Washington

- Cumulative GPA 3.58

Relevant Coursework:

Data Structure & Advanced Data Structure C/C++; Object-Oriented Software principles (C#); Software Engineering Principles; System programming C/C++; Data Mining (Python); Artificial Intelligent; Computer Networks; Web Development; Artificial Intelligence; Computer Graphic

SKILLS

Programming Language: C/C++, C#, Python, JavaScript, HTML, CSS, MIPS

Graphics APIs: OpenGL, SFML

Game engine: Unity

PROJECT EXPERIENCE

Software Design Project, Pullman, WA

Water Research – Gamification

September 2020 – Present

- Corporate with WSU “Tech for Trade” Research Team and funded by USDA.
- Utilize JavaScript, HTML, CSS, and relevant graphic engine to gamify and simulate the water trade in WA

Group Project, Pullman, WA

Checker video game design

December 2020

- Utilize SFML graphic API to develop a checker game and built the available gaming prototype
- Initialize the inside gaming logic and UI design for user as a game in C++

WSU class project, Pullman, WA

Ext2 File system Implementation

- Wrote a program that ran from the console and simulated a UNIX terminal with limited ext2FS functionally; Functions implemented included read, write, symlink, ls, mkdir, rmdir, touch, cat, link and unlink.

AWARDS AND EXPERIENCES

Awards: Lyle and Ruth Marque Excellence scholarship

OTHER EXPERIENCE

WSU Academic Success and Career Center, Pullman, WA

Peer Tutor

January 2021 – Present

- Enhance the computer science knowledge in students.
- Acted as a tutor in a study group to tutoring student by hosting a tutoring session.

WSU Electric Engineering and Computer Science, Pullman, WA

Teaching Assistant

August 2020 – Present

- Acted as TA to host a lab in computer science course of data structure
- Graded & assist assignment weekly