
Education

Oregon State University - Corvallis, OR: 2020 - Present

B.S. in Applied Computer Science

GPA: 3.98

B.S. in Business Administration

GPA: 4.0

Expected graduation: June 2024

Key Courses:

Multivariable Calculus, Data Structures, Statistics (R), Discrete Mathematics, Analysis of Algorithms, Web Development, Software Engineering 1 and 2, Operating Systems, Assembly, Digital Logic and Design, Parallel Programming, Computer Systems.

Experience

ACM club: 2021 - now

- Developed algorithms for coding problems and competition

Small Business - 2019 - now

- Created my own business selling items online, run by myself with a growing following

Boy Scouts BSA: 2012 - 2020

- Organized and led multiple service and volunteering projects for my troop to help the community in the Lake Oswego and Portland areas
- Coordinated and worked with multiple organizations for community projects such as the food bank performing the leadership role for the troop

Phone Repair Business: 2019 Summer

- Diagnosed and repaired malfunctioning smartphones
- Ran my own shop online from home

Logic and Puzzles Club: 2019 School Year

- Assisted in leading a club of 5 people which played and made logic games after school

Projects

Simple C shell:

- Created a simple C shell that runs in the terminal. Performs some commands manually such as CD and file direction, and forks off a new process to execute commands. Performed other tasks such as \$\$ expansion, process control, and signal handling.

Typing test website:

- Developed a website with a front and backend (java script and node.js) that allowed users to do a typing test. This website would allow users to save their scores and store it in a database (JSON).

Server Client encoding and decoding:

- Created a c program that allowed a client to connect to a server and encode a given string and key. The string could then be decoded with a separate client and server.

Random Games:

- Snake (Python), 2048, New York Times Spelling Bee solver, Anagram game + solver

Awards

National Honors Society: Maintained a 4.0 in High School and tutored kids in math

Spanish Honors Society: Maintained a 4.0 and tutored highschool kids in spanish

Skills

- C++, C, Java, HTML, CSS, Java Sript, NodeJS, Python, assembly
- Decent Chinese and Spanish
- Fluent Computer skills (linux, file systems, github)
- Strong leadership/Passionate Worker