Abigail Whittle

949-656-9048 | whittleabigail@gmail.com | linkedin/awhittle2 | github/awhittle2

EDUCATION

Oregon State University   Corvallis, OR
Bachelor of Science in Computer Science | Applied Cybersecurity Option   Sep 2022 – Jun 2024
- GPA: 4.0
- Relevant Courses: Computer Architecture and Assembly, Theory of Computation, Analysis of Algorithms, Web Development

Saddleback College   Mission Viejo, CA
Major in Computer Science   Jun 2020 – Jun 2022
- GPA: 4.0
- Transfer with 100.5 Credit Hours

EXPERIENCE

Student Systems Engineer   Nov 2022 – Present
Open Source Lab   Corvallis, OR
- Managed infrastructure and planned for future growth using Chef.io and OpenStack
- Interacted with the open source community via a ticketing system to troubleshoot and deploy new services
- Reviewed and ensured quality of cookbooks through testing and peer review

Shift Leader   Jun 2022 – Present
Cafe Yumm   Corvallis, OR
- Led a team of employees, delegating tasks and managing workflow to ensure timely service
- Trained and mentored new employees while fostering a positive team environment

PROJECTS

Maze Generator and Solver | *C++, Data Structures, Algorithms*   May 2022 – Jun 2022
- GitHub: github.com/awhittle2/Maze-Generator-and-Solver
- Created a maze generator/solver using data structures like hash maps and pairs
- Designed and solved mazes with algorithms such as Prims, Kruskals, and Dijkstras

Random Number Analyzer | *x86 Assembly, Visual Studio*   Feb 2023 – Mar 2023
- GitHub: github.com/awhittle2/Interactive-NFL-Pamphlet
- Utilized parameter passing on the stack to analyze randomly generated numbers
- Implemented a user-friendly interface with efficient memory usage and advanced sorting

Benny's Clicker | *JavaScript, HTML/CSS, Node.js, Express.js, Handlebars*   Nov 2022 – Dec 2022
- GitHub: github.com/awhittle2/Bennys-Clicker
- Developed a full stack website with Express.js, Handlebars, and a JSON database
- Utilized Git and GitHub for source code management and issue tracking

Interactive NFL Pamphlet | *C++, Qt, Agile*   Oct 2021 – Dec 2021
- GitHub: github.com/awhittle2/Interactive-NFL-Pamphlet
- Developed a pamphlet with Qt to parse a CSV file and sort the data by user input
- Implemented an agile methodology through role-playing and sprints

TECHNICAL SKILLS

Languages: C++, Python, Ruby, Bash, x86 Assembly, Java, JavaScript, HTML, CSS
Frameworks: Node.js, Express.js, Handlebars, Bootstrap, Qt
Tools: Git, Linux, VS Code, Visual Studio, Vim, Chef, OpenStack, VMware