

Zoe Robb

Monmouth, OR

Summary

Senior at Western Oregon University majoring in Computer Science. Experienced in full stack web-development in an academic setting. Reliable and efficient hard worker with experience working in teams as a cooperative member. Skilled in time management and communicating with clients due to self-employed artist experience.

Education

Western Oregon University, BS Computer Science

(SEP 2019 – JUN 2024 (Expected) | Monmouth, OR)

Major: Computer Science

Institutional GPA: 4.00

Coursework: Data Structures, Computer Organization, Computer Ethics, Programming Languages, Algorithms, Information Management, Operating Systems & Networking, Software Language & Tools, Software Design & Testing, Software Engineering I, Cybersecurity & Professional Practices, Networks

Work Experience

Self-Employment | Professional Freelance Artist

(JUL 2021 – Present | Monmouth, OR)

- Deliver completed artwork to clients within a deadline
- Collaborate and communicate clearly with clients to produce desired artwork
- Manage client details, social media, and advertisement for business
- Maintain a positive work attitude

Skills & abilities

- Languages: C#, C/C++, SQL, HTML/CSS, JavaScript
- Development Tools: Git, VSCode, Visual Studio, SSMS, Azure Data Studio
- Other Skills: Problem solving, Time management

Projects

Shell Program (Operating Systems and Networking) | C

(MAY 2023)

- Developed a C Program that mimics a shell application and can perform up to 16 shell commands. Worked with pipes and delimiters, using common symbols such as |, >, & and ; to function as if it were an actual shell program.
- Effectively used forking processes with child and parent processes to deliver a smooth, fast program

Full Stack Web Application (Software Engineering I Final) | C#, Swagger, SQL, .NET, Azure

(DEC 2023)

- Developed a .NET Web Application for managing coffee shop orders with a separate page for chronologically displaying order quantities and prices in real time, as well as another page for managing orders and marking individual items within an order as complete until the whole order is fulfilled. Allows for easy traversal to view orders and for employees to mark orders as complete in real time for easy communication with the team.
- Utilized a Test-Driven developmental approach and worked with analyzing user stories, building APIs and databases, and displaying and storing information.
- Gained experience using living documents and Azure to host the application and database.