Hayden Tinker

Haydentinker613@gmail.com | (831)-588-5167 | Santa Cruz, CA
Haydentinker.com | GitHub | LinkedIn

Skills

- Python | JavaScript | C++ | Dart | HTML | CSS | React | Material UI | React Three Fiber | SQL
- CI/CD | Unit Testing | Object-Oriented Programming | Git | Docker | Jest | Pytest | VS Code
- Backend | Frontend | Full-Stack | Web Development | Test-Driven Development | English

Experience

Software Developer | Walla Walla University | College Place, Washington
September 2021 – June 2023

- Designed and developed the backend of a web-based application using Dart Shelf for Walla Walla University School of Nursing.
- Streamlined development with implementation of automated testing suite.
- Collaborated with peers and technical mentors in weekly code reviews.
- Organized and overhauled documentation.

Education

Walla Walla University | College Place, Washington **June 2023**

- *Bachelor of Science in Computer Science and Business Administration* **GPA: 3.42**

Courses:

- Sequential and Parallel Data Structures and Algorithms
- Web Application Development
- Software Engineering
- Design and Analysis of Algorithms

Projects

Portfolio Website:

- Developed a web-based application utilizing React, Material UI, and React Three Fiber.
- Utilized Docker for consistent development and production environments.
- Automated testing and development with GitHub Actions.

Fermentation Buddy:

- Constructed an intuitive web application designed to assist users in managing their fermentation projects effectively.
- Developed responsive frontend using React.
- Utilized Firebase to design and implement a reliable and scalable database, ensuring secure storage of user data and seamless data retrieval.

WWU Wash & Dry:

- Collaborated with a team to develop the backend of a web application that allows users to view the availability of dorm laundry machines at Walla Walla University.
- Utilized Flask for backend design and implementation ensuring efficient data handling.