Tyler Benson

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Experience

SoCalTubSpecialist   **Mar. 2023 – August 2023**
Front End Web Developer   *Valencia, CA*
- Visualized and built a new modern web application using React and Redux.
- Allowed for a smoother web viewing experience with client side rendering with React.
- Created a new modern user interface which makes the user experience smoother and visually clearer.
- Boosted consumer confidence in the company with the modern webpage.

The Aimee Oki Foundation   **Nov 2022 – Mar 2023**
Front End Web Developer   *Porter Ranch, CA*
- Implemented a new custom webpage utilizing standard Html, Css, and Javascript.
- IProduced a modern user interface which boosted user retention rates on the web app.
- Modernized the foundation with modern web page features allowing for more user friendly interfaces.

Projects

Volkswagoneer | Java, Spring, Spring Boot, Html, Css, Bootstrap, IntelliJ
- Web application that manages Volkswagen parts and vehicle inventory using standard Html, Css with Java and the Spring framework as the backend to manipulate the data developed in IntelliJ.
- Interface allows users to update, delete, and add new parts/vehicles along with verification/retrieval on the backend to check valid fields and inventory values.
- Received the WGU excellence award.

C++ Class Roster | C++, Visual Studio
- Class roster written in C++, developed and tested in Visual Studio.
- Roster holds student data and allows for removal, addition, and modification of students.

The Pi-Ponics Project | Thonny IDE, Micropython, Linux, Raspberry Pi
- Built a self-contained hydroponics system controlled by a Raspberry Pi with MicroPython.
- Combines plant growing with code to make a system that needs no outside management.
- Automates plant growing for maximum growth via microcontroller technology.

Quantum Portfolio | Html, Css, Redux, React, Javascript
- Created my portfolio website using React and Redux to make a smooth webpage.
- Used Redux to manage the state of the application.

Technical Skills

Languages: Html, Css, Scss, Javascript, C, C++, Typescript, SQL, Python, MicroPython
Frameworks and Libraries: ReactJS, Bootstrap, TailwindCSS, Express.JS, Spring, Spring Boot
Technologies and Tools: IntelliJ IDEA, VisualStudio IDE, VisualStudioCode, MySQL, Excel, Google Sheets
Testing: JUnit, Jest

EDUCATION

Western Governors University   **Dec, 2023 - Dec, 2024**
B.S, Computer Science   *MillCreek, UT*
- WGU Excellence Award