Alex Franco

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Skills

- React, Vue, Angular, HTML/CSS, JavaScript, TypeScript, REST API's, Node Servers, API Servers, C++, Java, Object Oriented Programming, Application Life Cycle Methodologies (Waterfall, Agile, Scrum, etc.)

Education

BACHELOR OF SCIENCE | 2022 | OREGON STATE UNIVERSITY

- Major: Computer Science | GPA: 3.63

ASSOCIATES IN COMPUTER SCIENCE | 2020 | CHEMEKETA COMMUNITY COLLEGE

- Major: Computer Science | GPA: 3.56

Experience

WEB DEVELOPER INTERN | AFS FORESTRY | 2022 - 2022

- Created a personalized web application to manage 20+ employees and process payroll. Saved 4 hours daily from an automated payroll processing application.

WILDLAND FIREFIGHTER | MQ FRANCO REFORESTATION | 2018 - 2021

- Lead a 19-person team as a Squad Boss commanding and managing each person's responsibilities.

Projects & Web Development Experience

REACT

- Developed a web application with React, and a custom API server to host a CRUD interface in which students can upload files. Utilized MongoDB for the backend and a custom Node server to communicate the data with the front-end website.
- Built a full-stack personal website hosted on GitHub Pages. Incorporated CSS and React styling components to create a fully personalized site which hosts all the previous projects I have created.

VUE

- Developed a standardized transfer tool for Oregon State University utilizing Vue and Node.js. The tool serves 2000 incoming transfer students yearly and cuts down the time advisors need to create personalized transfer guides by up to 50%.

NODE

- Built custom API Servers from the ground up using a Node server. Further utilized GraphQL, MongoDB and MYSQL to help serve the data. Implemented API authentication and authorization, and rate limiting.
- Created a Canvas clone, which implements a sign in/sign out authentication system that allows students to upload 1000+ files to the server. Server handles various API request and paginates results. Admins can add/remove students and other users who are not admins.