

SKILLS

Programming Skills: Java, Javascript, Typescript, C++, MIPS assembly language, Python

Databases: PostgreSQL, MongoDB

Computer Systems: MacOS, Microsoft Windows, Linux(Debian)

Tools: React, Redux, Node.js, Figma, Excel, Wireshark, Virtual Box

Languages: English, Spanish

WORK EXPERIENCE

San Francisco State University Health Promotion & Wellness, San Francisco - Web Assistant

June 2021 - May 2022

- Improved student engagement by updating, designing, and creating web pages
- Collaborated in coordinating social events for students
- Implemented a health section for the SF State Mobile app using html/css
- Identified areas to improve and gained over 30,000 online page views from students and staff

Jose and Gerardo Landscape, San Jose - Supervisor

September 2015 - Present

- Communicated maintenance work and ideas for landscape and Irrigation systems with clients
- Expanded landscape services based on market trends
- Ensured work is done to the client's specifications

EDUCATION

San Francisco State University, San Francisco - Bachelors in Computer Science

August 2019 - December 2022

- Relevant Studies: Data Structures, Software Design Methodology, Algorithm Analysis, Machine Learning, Web Software Development, Software Engineering (Team Lead), Computer Networking

De Anza Community College, Cupertino - Transfer in Computer Science

September 2016 - May 2019

- Relevant Studies: Introduction to Java, C++, SQL, x86 Assembly Language
- Community work: Assisted in Hello-world club; Students working as a group to study for computer science related courses, tutoring, and attending technology-related events. Contributed to open-source programs on GitHub using Java and C++.

PROJECTS

- Card payment node application:
 - Back-end: Java, MongoDB(locally), Data Transfer Object pattern
 - Front-end: Javascript, React
- Goal setting app: a RESTful API using a MERN stack
- Music Application with instrument GUI and visualizers:
 - Back-end: Typescript, SQL
 - Front-end: Tone.js, React, Typescript
- File system that creates and manages directories and or files, using C to call bash commands.
- Pac-Man AI project: using python to implement machine learning concepts such as computer vision, reinforcement learning, and algorithms