Dylan Maynard

Software Engineer

San Francisco, CA
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LinkedIn
Github
Portfolio

EXPERIENCE

[System View Inc,](#) San Mateo — *Software Enginner*

November 2021 - June 2023

- Collaborated in cross-functional teams to design and develop client software solutions, utilizing Python, C++, and Tcl to write clean and maintainable code.
- Dockerized applications for streamlined deployment and scalability.
- Improved software performance and user experience through front-end and back-end enhancements.
- Created and debugged integration tests to ensure software quality assurance.
- Configured boards using Petalinux and customized device tree for optimal performance.
- Implemented licensing code to safeguard intellectual property.
- Updated and modernized the company website.

[Envestnet | Yodlee](#), Redwood Shores —*Software Engineer Intern*

May 2019 - August 2019 & May 2018 - August 2018

- Developed a mobile asset management app using Ionic framework, Node.js, and Angular.
- Enabled data scanning, organization, and storage in a database through JSON REST API POST requests.
- Collaborated within a team to create a Flask-based full stack solution for tracking company assets, encompassing both hardware and software.
- Streamlined asset management processes for the purchasing department.

EDUCATION

University of San Francisco, San Francisco CA — *BS in Computer Science (3.81 GPA)*

May 2021

coursework: Blockchain (CS 486), C and Systems Programming (CS 221), Computer Architecture (CS 315), Operating Systems (CS 326), Programming Language Paradigms (CS 345), Senior Team Project (CS 490), Software Development (CS 212)

SKILLS

Proficient in C++, Python, Linux, Go, JavaScritpt, Jinja and TCL

Experience with AWS, Docker, and continuous integration and deployment

Strong problem-solving skills and attention to detail

Excellent communication and teamwork skills

LANGUAGES

English, Spanish

PROJECTS

Blockchain — Go

Full Stack Blockchain data structure implemented in GO with Proof of Work and SHA-256

Search Engine — Java

Multithreaded full stack web crawler search engine implemented in Java with sessions using Jetty

Unix Shell — C

Implemented my own version of Bash using C with built in commands and system calls. Includes many features such as piping and I/O redirection