

Dylan M Ang

Software Engineering Intern

PROFILE

Web developer with experience in frontend and backend design with SQLite3, Express, React, and Node. Developed dashboards (Chart.js) for visualizing interactive data to help engineering teams make smarter decisions in testing.

EDUCATION

University of California, Davis — Computer Science, 2024

GPA — 3.77

Relevant Coursework — Data Structures and Algorithms, Web Development

EXPERIENCE

Applications Engineering Intern, Arista Networks; San Jose, CA — Summer 2022

Wrote a script with Node.js to conditionally extract elements from a list of web pages, saving 4+ hours of manual QA time. Created a metadata search tool in Salesforce using Flow and Apex to provide sales team faster queries for adjusting records.

Software Team, Formula Racing Team at UCD; Davis, CA — Fall 2020—present

Created a web app to read incoming telemetry data over USB and display it with the C3.js charting library. This tool replaced the previous system of MATLAB graphing scripts with a unified, interactive app. The page is deployed over Github Pages, live charting capabilities are enabled by running the server code on local machine.

PROJECTS

WaterLevel — 2022

A full stack web app using Node and React that displays the water level of several man made reservoirs in California. The backend is written with Express.js and fetches the data from the CDEC api. The React frontend displays the data in a bar chart with Chart.js and uses react-month-picker for data selection.

SKILLS

Significant Experience in — Python, JavaScript

Comfortable Working in — React.js, Node.js, C/C++, SQLite3, R

I Have Used: PyTorch, Google Cloud Platform, Flask

Email: dylanmouang@gmail.com **LinkedIn:** [linkedin.com/in/dylan-mou-ang/](https://www.linkedin.com/in/dylan-mou-ang/)

Github: github.com/stack-dylan **Personal Site:** stack-dylan.github.io/