

Davin Wong

davinlamwong@gmail.com | 510-566-1591 | <https://github.com/Innocent-Fear> | <https://www.linkedin.com/in/davin-wong-1a6930196/> | 1390 Ottawa Avenue, San Leandro, CA 94579

Education

San Jose State University

Expected Graduation: June 2021

B.S. Computer Engineering / Overall GPA: 3.563

Relevant Coursework: Data Structures and Algorithms (C++), Digital Design (Verilog), IoT Platforms, Machine Learning for Big Data, Microprocessor Design, Object Oriented Programming (C++), Software Engineering (Python), x86 Assembly, Applied Probability & Statistics, Discrete Mathematics, Linear Algebra and Differential Equations

Skills & Technologies

Proficient in Python, C++ , Java

Experienced with Git, Flask, C, HTML/CSS, Heroku, Microsoft Excel, Verilog

Learning/Familiar with Linux, x86, React.js, Node.js, Express.js

Quick Learner

Selected Independent Projects

IoT Firefighter Mission Tracking System – AWS IoT Services, Serverless Framework, and Node.js *November 2019*

- AWS serverless dashboard web application that allows real time monitoring of firefighter teams' status and location as well as a visualization of the data from the firefighter team member's on-body sensor
- Separated the project into 3 layers: cloud, team trackers, on-body sensor
- Used Serverless Framework and Express.js to create the web frameworks

Stock Trading – Python and Robinhood API

November 2019

- Draws the symbols from user's watchlist and portfolio using Robinhood API
- Analyzes the historical data after drawing in the symbols and returns accuracy of the estimates

Classroom View – ReactJS and Bootstrap

November 2019

- Developed a webpage for users of Google Classroom to automate the process of visualizing student and teacher data
- Implemented a connection of Google's REST API to a webpage written using ReactJS to visualize data
- Used ChartJS and Bootstrap to allow the user to select the classroom data they want to see and display that data as a graph

MyScheduler – Python, Flask, and Heroku

Fall 2019

- Web application for scheduling events and finding vacancies in the user's schedule
- Allows a user to view another user's schedule if usernames are exchanged

Discord Bot – DiscordJS and Dotenv

January 2020

- A bot created to perform basic server moderation functions

Leadership Experience

Assistant Sifu for Shaolin Kung Fu

Spring 2016 - Fall 2016

- Helped teach beginner and intermediate classes

Hour of Code

April 2015 - April 2016

- Taught elementary schoolers basic coding and how to create algorithms

Events Attended and Academic Achievements

- **Dean's Scholar** – Awarded by SJSU College of Engineering for exceptional academic performance

Fall 2019

- **Google Tech Challenge**

April 2019

- **PayPal Opportunity Hacks**

November 2019