

Davin Wong

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Education

San Jose State University

B.S. Computer Engineering | Overall GPA: 3.599

Expected Graduation: May 2021

Relevant Coursework

Computer Networks
Operating Systems
Real-Time Embedded Systems
Machine Learning
Object-Oriented Analysis & Design

IoT Platforms
Advanced Algorithm Design
Algorithms and Data Structures
Software Engineering
Engineering Reports

Computing System Electronics
Digital Design
Computer Arch & Design
Microprocessor Design
Compiler Design

Skills & Technologies

Proficient

Python
C++
Java
Git
C

Experienced

HTML/CSS
React.js
Node.js
Heroku
Microsoft Excel

AWS
Verilog
Flask
MIPS

Learning/Familiar

Linux
x86
Express.js

Quick Learner

Team-Player

Work Experience

ISA for Microprocessor Design Course at SJSU

March 2020 - May 2020

- Tutored students enrolled in SJSU's Microprocessor Design course
- Held a finals review session and posted video of it for students to review the course material

ISA for Advanced Algorithm Design Course at SJSU

Present

- Hold weekly office hours for students to come and ask questions about coursework
- Grade homework and quizzes

Clubs

SJSU Software & Computer Engineering Society

October 2020 - Present

- Dev Team Member working on the club's SCE Discord Bot

Projects

SCE Discord Bot – Node.js and Discord API

October 2020 - December 2020

- Services the 689 people in SJSU's SCE discord server
- Updated the help command to output only the commands available to the user based on their role
- Added a disabled parameter to prevent commands still being implemented from being added to the list of commands
- Split the git pull request command's output into separate embeds and added page changing functionality to swap embeds

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

November 2019

- Worked in a team of 3 to create an AWS serverless dashboard firefighter tracking web application
- Monitor the status and location of firefighters and their teams in real time, send data to AWS via MQTT topic, and display the data onto web application

MyScheduler – Python, Flask, and Heroku

Fall 2019

- Worked in a team of 4 to design and develop a web application for scheduling purposes and finding vacancies in the user's schedule
- Allows a user to view another user's schedule if usernames are exchanged

Events Attended and Academic Achievements

- **Dean's Scholar** – Awarded by SJSU College of Engineering for exceptional academic performance
- **Google Tech Challenge**
- **PayPal Opportunity Hacks**
- **Google Hashcode**

Fall 2019

April 2019

November 2019

February 2020