

Davin Wong

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Education

San Jose State University

B.S. Computer Engineering | Overall GPA: 3.608

Graduated: May 2021

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

February 2021 – May 2021

- Graded homework and quizzes

SJSU Software & Computer Engineering Society Development Team

October 2020 – May 2021

- 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 995 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

CmpEndium – MERN Stack, AWS S3, and Heroku

September 2020 – May 2021

- Worked in a team of 4 to design and develop a job searching web application with resume improvement and job application tracking functionalities
- Implemented resume uploading to AWS S3, home page, job search page, and job listings page
- Took position of group leader

Calorie Tracker – MySQL, Express.js, React.js, and Node.js

April 2021 – May 2021

- Worked in a team of 4 to design and implement a calorie tracking application
- Implemented JWT based user authentication, account information updating, friend adding system, and their respective frontend pages

NoteHub – React Native, TypeScript, and Expo CLI

April 2021 – May 2021

- Worked in a team of 2 to create a note taking application
- Implemented functionalities for adding, editing, and deleting a note
- Uploaded added and edited notes to AsyncStorage
- Created rough drafts of the home screen and note adding screen

Events Attended and Academic Achievements

- **Dean's Scholar** – Awarded by SJSU College of Engineering for exceptional academic performance Fall 2019 – Fall 2020
- **Google Tech Challenge** April 2019
- **PayPal Opportunity Hacks** November 2019
- **Google Hashcode** February 2020
- **ICPC NADC West** April 2021

Relevant Coursework

Computer Networks
Operating Systems
Real-Time Embedded Systems
Machine Learning

Object-Oriented Analysis & Design
IoT Platforms
Advanced Algorithm Design
Mobile Software Engineering

Database Systems
Software Engineering
Engineering Reports
Compiler Design

Skills & Technologies

Languages: Python, C++, Java, C, JavaScript, TypeScript, HTML/CSS

Libraries/Frameworks: Express.js, React.js, Node.js, React Native, Bootstrap, Flask

Databases: MySQL, MongoDB