

DANIEL TRUONG

(714)-786-9188
ddtruong06@gmail.com
linkedin.com/in/daniel-d-truong
github.com/numberonetruong

EDUCATION

University of California - San Diego (UCSD) | Computer Science (B.S.)

Expected Graduation: Jun 2022 | GPA: 3.617 | Provost Honors

- Classes: Software Engineering, Theory of Computability, Advanced Data Structures, Linear Algebra
Object-Oriented Programming & Design, Systems Programming, Design/Analysis of Algorithms

EXPERIENCE

Google | Engineering Practicum Intern | Jun 2019 – Sept 2019

Technologies: Java, JavaScript, HTML, CSS, Soy, Closure Library,

- Finished and launched **2 projects**, both of which are internal debug tools for the **Google Admin Console Enterprise team** used by **about 20 developers**.
- Utilized **software engineering practices** by creating unit & integration tests, performing code reviews, and using version control software & practices for both projects.
- Coordinated with the team in weekly meetings to **develop both projects' direction**.
- Developed an individual **design document** detailing project specifications and features.

UCSD Student Financial Solutions | Data Technical Assistant | Oct 2018 – Present

Technologies: C#, .NET Framework, Java, Python, Microsoft Access, Microsoft Excel, VBA, SQL

- Managed a **team of 3 developers** to build a console application that **automatically writes to the UCSD student database**.
- Developed **4 unique projects** to **automate student business transactions** for **20 employees**.
- Wrote documentation for each application and helped set code standards for future projects.

PROJECTS

ACM Meme Gen | (Project in Progress)

Technologies: JavaScript, HTML/CSS, node.js, react.js, express.js, mongoDB

- Creating a meme generator web app in JavaScript for the ACM UCSD organization.
- Developed a **node.js backend** storing each meme submission to a **MongoDB database**.
- Will be used to teach **60+ ACM UCSD members** about the MERN Stack during the 2019-2020 school year.

1st Place in IEEE Projects Competition | Don't Back Out | github.com/numberonetruong/Don-t-Back-Out

Technologies: Java, Android Studio, Arduino

- Collaborated with team of 3 to create a **wearable slouch detector** in 10 weeks, against 19 other teams.
- Developed the **Android App** which connects to the device and calculates posture angles using **statistical machine learning**, as well as 5 extra features to improve user experience.

LA Hacks 2019 | roadblock | devpost.com/software/safemaps-qdet8f

Technologies: JavaScript, node.js, express.js, Firebase API, Twilio API, HTML/CSS

- Created a **web app** that finds the safest route between two locations using user data in **36 hours**.

TECHNICAL SKILLS

Languages: Java, JavaScript, C, Python, C#, ARM, Soy, VBA, HTML, CSS

Frameworks/Libraries: node.js, react.js, express.js, MongoDB, jQuery, Flask, .NET, Windows Programming

Technologies/Tools: Android Studio, Vim, Git, GDB, Valgrind, Arduino, Microsoft Access & Excel

ACTIVITIES

ACM UCSD (2019-2020) | Co-Founder | Technical Events Director | Promotes UCSD computing excellence.

IEEE UCSD (2019-2020) | Corporate Relations Chair | Handles communication with ~10 companies.

Hackathon Enthusiast | Attended over 10 hackathons with a 90% success rate in completing projects.

Fitness | Consistent 4-5 days/week gym workout routine. Former football, soccer, track, & table tennis athlete.