

# Daniel Truong

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## experience & leadership

**Microsoft** | Incoming Software Engineer Intern @ Microsoft Azure | Jun 2020 – Sept 2020

**Google** | Engineering Practicum Intern | Jun 2019 – Sept 2019

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

- Developed and launched **2 projects**, both of which are internal debug tools for the **Google Admin Console Enterprise team** used by **about 20 developers** to more efficiently aid in the launch of the new product
- Implemented **several features which push back-end data to the front-end**,
- Identified key points of inefficiency following the initial project, leading to an **independent effort** (along with partner) allowing users to inject errors into front-end fields to easily understand how front-end renders errors
- Conducted **unit & integration tests** & coordinated with the team through weekly meetings and a design document to more effectively build the projects

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

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

- Implemented internal applications to conduct & query student transactions using **Access & Excel**
- Designed and developed several projects in **C# and .NET** that automate day-to-day processes
- Wrote documentation for each application and helped set code standards for future projects

**ACM @ UCSD** | Technical Events Director (cofounder) | 2019 - Present

- Founded the **largest computing organization at UC San Diego** w/ **1000+ members** within 2 months of launch
- Taught **15 technical workshops** on **full-stack topics** such as **HTML/CSS, JavaScript, React, node.js, APIs, Databases, and Deployment** to **250+ attendees** ([acmurl.com/hackschoolwi20](https://acmurl.com/hackschoolwi20))
- Managed about 5 people in a committee to volunteer, develop content, and teach at several workshop

**IEEE @ UCSD** | Corporate Relations Chair | 2019 – Present

- Raised **more than \$6k in funding** from about **four sponsors** within one quarter

## projects

**Carbon Price Tag** | HackSC 2020: Sustainability Winner | [devpost.com/software/carbon-price-tag](https://devpost.com/software/carbon-price-tag)

**Technologies:** JavaScript, Chrome Extension, node.js, express.js, Firebase API, Flask, Python, HTML/CSS

Developed **Chrome Extension using JavaScript** as well as **Python Flask backend** with a team of 4

- Utilized JavaScript to **web scrape data from Amazon web pages** to **calculate carbon footprint**

**ACM Meme Gen** | Taught during Workshop Series | <http://acmurl.com/hackschoolproject>

**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**.
- Used to teach **60+ ACM UCSD members** about the MERN Stack during the 2019-2020 school year.

**Don't Back Out** | 1<sup>st</sup> Place in IEEE Projects Competition | [github.com/daniel-d-truong/Don-t-Back-Out](https://github.com/daniel-d-truong/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 extra features to improve user experience.

## education

**University of California - San Diego (UCSD)**

**Computer Science (B.S.) + Entrepreneurship & Innovation**

**Expected Graduation: Jun 2022 | GPA: 3.632 | Provost Honors**

- Classes:** Software Engineering, Theory of Computability, Advanced Data Structures, Linear Algebra, Design/Analysis of Algorithms, Product Marketing and Management
- Activities:** ACM, IEEE, Table Tennis Club, Triton Smash

## skills

**Languages:**

- JavaScript, Java, Swift, Python, C#, C, VBA, HTML/CSS

**Frameworks:**

- node.js, React, Express, MongoDB, jQuery, .NET, jQuery, Git, GDB, Android Studio, XCode, Chrome Extension