

# 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, Protocol Buffers

- Developed and launched **2 web application projects** for the **Google Admin Console Enterprise team** used by **about 20 developers** to more efficiently aid in the launch of the new product
- Strengthened old and wrote new **unit, integration, and UI tests**
- Determined use cases and technologies using design document to more effectively build each project

**WhatsCookin (startup) | iOS Software Engineer (cofounder) | Dec 2019 - Present**

**Technologies:** Swift, iOS, Storyboard UI, CocoaPods, Google Firebase, Git, Stripe API, Figma, Agile

- Developing a **scalable MVP mobile app** for a homecooked meals marketplace
- Quickly **learned Swift & iOS development within a month** to build the buyer user flow & payment processing

**UC San Diego - Student Financial Solutions | Data Technical Assistant | Nov 2018 - Present**

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

- Worked in **team of 20** to develop & integrate applications that automate day-to-day processes

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

**Technologies:** JavaScript, HTML/CSS, Node.js, React, MongoDB, Python, Flask, Web Scraping, Data Visualization

- Founded the **largest computing organization at UC San Diego** w/ **1000+ members** within 2 months of launch
- Taught over 20 workshops with **250+ attendees** in the technologies listed above
- Developed a **MERN stack** project for students to develop over 6 weeks ([acmurl.com/hackschoolproject](http://acmurl.com/hackschoolproject))

**UC San Diego – Computer Science & Engineering | CSE Tutor | Mar 2020 - Present**

**Technologies:** C++, Advanced Data Structures, Huffman Encoding, TSTs, MWTs, KDTrees, Priority Queues, etc

- Tutors about 15 students a week, **helping with programming assignments** and **teaching key concepts**

## projects | hackathons: 12

**Don't Back Out | 1<sup>st</sup> Place @ IEEE Projects Competition | [github.com/daniel-d-truong/Don-t-Back-Out](https://github.com/daniel-d-truong/Don-t-Back-Out)**

**Technologies:** Android, Arduino, Java, C, Bluetooth

- Built **wearable slouch detector** using Bluetooth & finds posture angles w/ **statistical machine learning**

**Covid Daily | Personal Project | [covidaily.info](http://covidaily.info)**

**Technologies:** Flask, TypeScript, React, APIs, Beautiful Soup (Web Scraping), News API

- Created map of countries and their associated, web scraped **COVID-19 data/most popular news**

**Commonwealth | 3<sup>rd</sup> Place @ CitrusHacks 2020 | [github.com/daniel-d-truong/commonwealth](https://github.com/daniel-d-truong/commonwealth)**

**Technologies:** iOS, Swift, XCode, TensorFlow Lite, Google Maps API, Python, Computer Vision, AR

- Developed app to find **"environmental & social cost"** of grocery items amidst COVID pandemic in real time

## skills

**Languages:** Javascript/Typescript, Python, Swift, Java, C#, C, C++, Bash, R, HTML5/CSS3

**Tools/Frameworks:** Node.js, React.js, Express.js, MongoDB, Flask, .NET, Beautiful Soup, Git, XCode, CocoaPods

## education

**University of California - San Diego (UCSD) | Expected Graduation: Jun 2022**

**Computer Science (B.S.) + Entrepreneurship Minor + Math Minor**

**Classes:** Artificial Intelligence: Search & Reasoning, Software Engineering, Design/Analysis of Algorithms, Product Marketing and Management, Statistical Methods, Advanced Data Structures

**Organizations:** Association for Computing Machinery (ACM), ACM Hack, IEEE, Table Tennis Club, Triton Smash

