

# 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** along with each new feature
- 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
- Learned **Swift & iOS development within a month** to quickly build the buyer user flow & payment processing

Schoolhouse Ghana | Software Team Lead | Apr 2020 – Present

**Technologies:** JavaScript, MongoDB, Express.js, Node.js, React.js, Material UI

- Developing an offline school resource hub for schools in Ghana in partnership with the Godfreds Foundation
- Leading a 5-person team** to develop scalable and user-friendly dashboard for students, teachers, & admin

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**
- Taught over 20 workshops with **250+ attendees** in the technologies listed above
- Developed a **MERN stack** project for students to build over 6-week period ([acmurl.com/hackschoolproject](https://acmurl.com/hackschoolproject))

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

- Currently tutoring for upper division course: **Advanced Data Structures**
- Hosts lab hours, teaching students key concepts such as KDTrees, Dijkstra, TSTs, MWTs, Huffman Encoding, etc

## 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** which detects posture using **statistical ML**

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

- Technologies:** Flask, Python, TypeScript, React, Beautiful Soup, News API
- Created map of countries & their **COVID-19 data/most popular news** in real time

Commonwealth | 3<sup>rd</sup> Place @ CitrusHacks 2020

[github.com/daniel-d-truong/commonwealth](https://github.com/daniel-d-truong/commonwealth)

- Technologies:** iOS, Swift, TensorFlow, Google Maps, Python, Computer Vision, AR
- Developed app to find **"environmental & social cost"** of grocery items
- Leveraged **COVID-19 data & TensorFlow** to identify items & their costs in real time

## skills

### Programming Languages:

Javascript, Typescript, Python, Swift, Java, C++, R, HTML/CSS

### Tools/Frameworks:

Node.js, React.js, express.js, MongoDB, Flask, .NET, iOS, Android, Cocoapods, Git, Bash, Docker, Firebase, Postgresql, Figma, Prototyping

## education

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

Computer Science (B.S.) + Entrepreneurship Minor + Math Minor | GPA: 3.68

**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