

# Daniel Truong

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## experience

**Microsoft | Software Engineer Intern | Jun '20 – Present | Angular + Typescript + C# + Azure**

- Developing a widely demanded **end-to-end** tagging feature with designers & PMs for the **Incident Management System** currently utilized by **20,000+ Microsoft Software Engineers daily**
- Interacted with multiple codebases totaling over **5k lines of code** to quickly understand & add features
- Leveraged **Azure Cloud Services** to **deliver each requirement** and **ship the feature**

**Google | Engineering Practicum Intern | Jun '19 – Sept '19 | Java + JS + Closure + Protocol Buffers**

- Delivered **2 end-to-end projects** for the **Google Admin Console Enterprise team** used by **about 20 developers** to more efficiently aid in the launch of the new product with proper **unit, integration, and UI testing**
- Met **all key deliverables** for the 12-week project in **8 weeks** with **over 30 completed code reviews**
- Designed and developed **new protocol buffers** with efficiency for new features

**UC San Diego - Computer Science & Engineering | CSE Tutor | Mar '20 – Jun '20 | Python + C++**

- Tutored for upper div course **Advanced Data Structures**, teaching 200+ students on concepts such as KDTrees, Dijkstra's Algorithm, Kruskal's Algorithm, Huffman Encoding, Graph Theory, Priority Queues, & Trees
- Successfully resolved **over 90%** of tutor request tickets from students

## leadership

**Platter | CTO & Co-Founder | May '20 – Present | React Native + Express + Typescript + Firebase**

- Leading development of a **cross-platform & scalable MVP mobile app** for a homecooked meals marketplace
- Engineered the product's engineering infrastructure & pipelines through **automation & Github Actions**
- Performed code reviews & delegated issues to a team of 3 on a weekly basis

**ACM Hack @ UCSD | President & Co-Founder | Apr '19 – Present | Full-Stack Web Dev + Python**

[acmurl.com/hackschoolproject](http://acmurl.com/hackschoolproject) - [github.com/acmucsd/hackschool](https://github.com/acmucsd/hackschool)

- Taught over 20 workshops with **500+ attendees** in **Full-Stack** technologies such as **node.js, react, APIs**, and **MongoDB** as well as **Python tools/frameworks** such as **BeautifulSoup & Flask**
- Developed a **MERN stack project with curriculum** for students to build over **6-week period**
- Leading **team of 10** to host online bootcamps, workshops, and talks to help students learn software engineering

**Schoolhouse Ghana | Software Lead | March '20 – June '20 | React + node.js + MongoDB + Express**

[github.com/UCSD-Global-TIES/react-schoolhouse-ghana](https://github.com/UCSD-Global-TIES/react-schoolhouse-ghana)

- Developed **on-prem school resource hub** for schools in Ghana with the **Godfreds Foundation** (nonprofit)
- Managed **team of 6** through weekly scrums to build **additional MongoDB models, API routes, and React UI**

## projects | hackathons: 13

**Don't Back Out | 1<sup>st</sup> Place @ IEEE Projects Competition**

**IOT + Android + Java | [github.com/daniel-d-truong/Don-t-Back-Out](https://github.com/daniel-d-truong/Don-t-Back-Out)**

- Built **wearable slouch detector** connected with **mobile Android app**

**Covid Daily | Personal Project**

**Flask + React + Typescript + Web Scraping | [covidaily.info](https://covidaily.info)**

- Developed **web application** to see COVID data + news by country
- Leveraged **Flask** to build API routes with web scraping functionality

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

**iOS + Swift+ UIKit + Tensorflow | [github.com/daniel-d-truong/commonwealth](https://github.com/daniel-d-truong/commonwealth)**

- Built app to find **"environmental & social cost"** of grocery items

## skills

**Languages:** Javascript/Typescript, Python, Swift, Java, C#, C, C++, Bash, R, HTML/CSS

**Technologies:** Node.js, React, Express.js, MongoDB, Flask, .NET, Angular, Docker, Web APIs, iOS, Google Cloud, Azure

**Workflow:** Git, Github, Continuous Integration/Deployment, Kanban, Agile, Unit/Integration/Acceptance Testing

## education

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

**Computer Science (B.S.) + Entrepreneurship Minor | GPA: 3.7**

**Classes:** Artificial Intelligence: Search & Reasoning, Software Engineering, Deep Learning, Recommender Systems, Design/Analysis of Algorithms, Product Marketing and Management, Statistical Methods

**Organizations:** ACM, ACM Hack, IEEE, SD Hacks (Media Lead), Table Tennis Club, Triton Smash