

# Daniel Truong

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## experience

**Microsoft | Software Engineer Intern | Jun '20 – Sept '20 | Angular + Typescript + C# + .NET + 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**
- Added backend database properties and search query support to **.NET backend** in a **Microservices Architecture**
- Leveraged **Azure Cloud Services** to **deliver each requirement** and **ship the feature**
- Collaborated with designers and PMs to develop the user interface using **Angular** and **AngularJS**

**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**

**UC San Diego – Student Financial Solutions | Data IT Assistant | Nov '18 – Jun '20 | Python + C# + .NET**

- Created several **Windows Apps** to automate data processes using school's production database of students
- Developed **Python Scripts** using **FTP** to transfer files among different networks

## leadership

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

- 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 6** on a weekly basis using **Jira** and other tools

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

[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 over **50 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, REST API routes, and React UI**

## projects | hackathons: 15

**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 | [coviddaily.info](http://coviddaily.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

## education

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

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

**Courses:** Networked Services, Recommender Systems, Database Systems Principles, Operating Systems, Software Engineering, Design/Analysis of Algorithms, Product Marketing, Statistical Methods

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

## skills

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

**Backend:** Node.js, Express, .NET, Flask

**Databases:** MongoDB, Firebase, PostgreSQL, CosmosDB, SQL Server

**Frontend:** React, Angular, AngularJS

**Mobile:** React Native, iOS (UIKit, SwiftUI), Android

**Tools/Workflow:** Azure, GCP, AWS, Networking, Git, Github, DevOps, Jira, CI/CD, Testing, Linux