Daniel Truong

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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 (Director), ACM Hack (President), IEEE UCSD, SD Hacks, Table Tennis Club, Triton Smash

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 – Computer Science & Engineering | CSE Tutor | Mar '18 – Present | *Python + C++*

- Serving as a tutor for the upper division course: **Advanced Data Structures (CSE 100)**
- Resolved **over 100 tickets**, helping students remotely through Zoom calls on their assignments and concepts such as KDTrees, String Search, Huffman Encoding, Graph Theory, Dijkstra's Algorithm, and more

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 - github.com/acmucsd/hackschool

- Taught over 20 workshops with **500+ attendees** in **Full-Stack** and **scripting technologies**
- 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

- 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 | 1st Place @ IEEE Projects Competition
IOT + Android + Java | 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

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

Commonwealth | 3rd Place @ CitrusHacks 2020
iOS + Swift+ UIKit + Tensorflow | 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, 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