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 - 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
- Developed offline school resource 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 |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

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