Daniel Truong

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experience

Microsoft | Software Engineer Intern | Jun 2020 – Present
Technologies: Typescript, Angular, .NET, C#, Azure Cosmos DB, Azure Cloud, Microservices Architecture
- Developing an **end-to-end** tagging feature for **Azure Incident Management**, utilized by all internal engineers
- Working through a complex system of layers & services to meet all requirements needed for the feature

Google | Engineering Practicum Intern | Jun 2019 – Sept 2019
Technologies: Java, JavaScript, HTML, CSS, Soy, Closure Library, Protocol Buffers
- Delivered **2 end-to-end features** 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**
- Determined use cases and technologies using design docs to build each project
- Met **all key deliverable**s for the 12-week project **in 8 weeks** & **over 30 code reviews**, leading to dev of 2nd feature

UC San Diego - Computer Science & Engineering | CSE Tutor |Mar 2020 – Jun 2020
Technologies/Concepts: C++, Python, KDTrees, Dijkstra, TSTs, MWTs, Huffman Encoding, BFS/DFS
- Tutored for upper div course **Advanced Data Structures,** teaching 15+ students/week on the above concepts

ACM @ UCSD | Technical Events Director & Co-Founder | Apr 2019 – May 2020
Technologies: JavaScript, HTML/CSS, Node.js, React, MongoDB, Python, Flask, Web Scraping, Data Visualization
- Taught over 20 workshops with **500+ attendees** in the technologies listed above
- Developed a **MERN stack** project for students to build over 6-week period (acmurl.com/hackschoolproject)

leadership

Pomona (startup) | CTO & Co-Founder | May 2020 - Present
Technologies: Swift, iOS, Storyboard, Cocoapods, Firebase, Git, Stripe API, Figma, Typescript, Agile
- Leading development of a **scalable MVP mobile app** for a homecooked meals marketplace
- Designed a visual prototype of the product & determined tech stack of the product

ACM Hack @ UCSD | President & Co-Founder | Apr 2019 – May 2020
- Leading team of 10 to host online bootcamps, workshops, and talks to help students learn software engineering

projects | hackathons: 13

Don't Back Out |1st Place @ IEEE Projects Competition | github.com/daniel-d-truong/Don-t-Back-Out
Technologies: Android, Arduino, Java, C, Bluetooth
- Built **wearable slouch detector** connected with mobile app to help users identify their slouching habits

Covid Daily | Personal Project | coviddaily.info
Technologies: Flask, TypeScript, React, APIs, Beautiful Soup (Web Scraping), News API
- Leveraged **COVID-19 big data & news API** to create mapping of countries' COVID status & relevant news

Commonwealth | 3rd Place @ CitrusHacks 2020 | github.com/daniel-d-truong/commonwealth
Technologies: iOS, Swift, XCode, TensorFlow Lite, Google Maps API, Python, Computer Vision, AR
- Developed app to find **"environmental & social cost"** of grocery items amidst COVID pandemic in real time

skills

Languages: Javascript/Typescript, Python, Swift, Java, C#, C, C++, Bash, R, HTML/CSS
Tools/Frameworks: Node.js, React.js, Express.js, MongoDB, Flask, .NET, Git, Cocoapods, Angular, Docker, Azure, Firebase

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