

Daniel Truong

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experience & leadership

Microsoft | Incoming Software Engineer Intern @ Microsoft Azure | Jun 2020 – Sept 2020

Google | Engineering Practicum Intern | 2019

Technologies: Java, JavaScript, HTML, CSS, Soy, Closure Library

- Developed and launched **2 projects**, both of which are internal debug tools for the **Google Admin Console Enterprise team** used by **about 20 developers** to more efficiently aid in the launch of the new product
- Implemented **several features which push back-end data to the front-end** using protos
- Found key points of inefficiency following the initial project & **expanded the project** to include these cases
- Wrote **unit & integration tests** & coordinated with the team through weekly meetings and a design document to more effectively build the projects

WhatsCookin (UCSD Basement Startup) | iOS Software Engineer | 2019 - Present

Technologies: Swift, iOS, Cocoapods, Google Firebase, Git

- Developed new **iOS mobile app** using **Swift** in preparation for an upcoming launch
- Designed & built the **user flow** & the **Storyboard UI**, as well as **back-end database networking methods**

UCSD Student Financial Solutions | Data Technical Assistant | 2019 - Present

Technologies: C#, .NET Framework, Java, Python, Microsoft Access, Microsoft Excel, VBA, SQL, Tableau

- Implemented internal applications to conduct & query student transactions using **Access & Excel**
- Designed and developed several projects in **C# and .NET** that automate day-to-day processes

ACM @ UCSD | Technical Events Director (cofounder) | 2019 - Present

- Founded the **largest computing organization at UC San Diego** w/ **1000+ members** within 2 months of launch
- Taught **15 technical workshops** on **full-stack topics** such as **HTML/CSS, JavaScript, React, node.js, APIs, Databases, and Deployment** to **250+ attendees** (acmurl.com/hackschoolwi20)
- Managed about 10 people in a committee to volunteer, develop content, and teach at several workshop

IEEE @ UCSD | Corporate Relations Chair | 2019 – Present

- Raised **more than \$6k in funding** from about **four sponsors** within one quarter

projects

Carbon Price Tag | HackSC 2020: Sustainability Winner | devpost.com/software/carbon-price-tag

Technologies: JavaScript, Chrome Extension, node.js, express.js, Firebase API, Flask, Python, HTML/CSS

- Developed **Chrome Extension using JavaScript** as well as **Python Flask backend** with team of 4
- Utilized JavaScript to **web scrape data from Amazon web pages** to **calculate carbon footprint**

ACM Meme Gen | Taught at Workshop Series | <http://acmurl.com/hackschoolproject>

Technologies: JavaScript, node.js, react.js, express.js, MongoDB, HTML/CSS

- Creating a meme **generator** web app in **JavaScript** for the ACM UCSD organization
- Used to teach **80+ ACM UCSD members** about the MERN Stack during the 2019-2020 school year

Don't Back Out | 1st Place in IEEE Projects Competition | github.com/daniel-d-truong/Don-t-Back-Out

Technologies: Java, Android Studio, Arduino, Bluetooth

- Collaborated with team of 3 to create a **wearable slouch detector** in 10 weeks, against 19 other teams
- Built **Android App** that connects to an Arduino and finds posture angles w/ **statistical machine learning**

education

University of California - San Diego (UCSD)

Computer Science (B.S.) + Entrepreneurship & Innovation

Expected Graduation: Jun 2022 | GPA: 3.632 | Provost Honors

- Classes:** Software Engineering, Theory of Computability, Advanced Data Structures, Linear Algebra, Design/Analysis of Algorithms, Product Marketing and Management
- Activities:** ACM, IEEE, Table Tennis Club, Triton Smash

skills

Languages:

- JavaScript, Java, Swift, Python, C#, C, C++, VBA, HTML/CSS

Frameworks:

- node.js, React, Express, MongoDB, Flask, jQuery, .NET, Git, GDB, Android Studio, XCode, Chrome Extension