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| **Daniel Truong**  Passionate Software Engineer with 1+ years of industry experience. Seeking full-time opportunity. |

US Citizen

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Devpost [**devpost.com/daniel-d-truong**](https://devpost.com/daniel-d-truong)

# education

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| University of California - San Diego (UCSD) | Expected Graduation: Jun 2022*Computer Science (B.S.) + Entrepreneurship Minor |* GPA: 3.73 (Provost Honors) **Courses (received A’s):** 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 |

# work experience

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| [Hatch](http://hatchcard.com/) | SWE Intern + Kleiner Perkins Fellow | Jun ’21 – Present | *Kotlin + Spark + PostgreSQL + React + AWS*  * Working in **Financial Products,** team focused on building core functionality for **thousands of small businesses** * Improving testing pipeline & integrating w/ frontend to deliver features new [**Hatch Perks**](https://www.hatchcard.com/perks)portal  [Microsoft](https://www.microsoft.com/en-us/) | SWE Intern (x2) | Apr ‘21 – Jun ‘21 / Jun ’20 – Sep ‘20 | *Angular + Typescript + C# + .NET + Azure*  * Worked on the **Incident Management System** used by **20k internal engineers daily** * Added end to end features such as **team suggested recommendations** to **reduce users’ time to mitigation** * Collaborated with PMs and Designers to **develop, optimize and improve searchability of incidents** via tagging * Hosted design reviews and bug bashes to properly plan development and ship features with careful review  [Tesla](https://tesla.com/) | SWE Intern | Jan ‘21 – Apr ‘21 | *Golang + WebSockets + React + WebRTC + K8s + Docker + C++*  * Worked in **Mobile Robot Engineering** team, on teleops for autonomous guided vehicles (AGV) * Solo constructed a **scalable video communication pipeline** with multiple interconnected projects to stream camera feed from AGV to the web with scale for **100+ AGVs** in mind * Engineered **Golang** client to accept camera feed & stream via **WebRTC,** deployed to the AGVs using **Docker**   O [Google](https://www.google.com/) | SWE (Practicum) Intern | Jun ‘19 – Sept ‘19 | *Java + JS + Closure + Protocol Buffers*  * Delivered **2 end-to-end projects** for the **Google Admin Console Enterprise team** reaching **10,000+ users** * Completed **over 30 completed code reviews** with proper UI and JUnit testing * Improved administration console by providing easier internal accessibility to data metrics  [UC San Diego – Computer Science & Engineering](https://cse.ucsd.edu/)| CSE Tutor | Mar ‘20 – Present | *Python + C++*  * Resolved **100+ tickets** for the upper division course: [**Advanced Data Structures (CSE 100)**](https://ucsd-cse100-s20.github.io/) * Tutored concepts such as KDTrees, String Search, Huffman Encoding, Graph Theory, Dijkstra’s Algorithm, etc |

# leadership

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| [Platter](https://eatplatter.github.io/) | CTO & Co-Founder | Jun ‘20 – Apr ‘21 | *React Native + Express + Typescript + MongoDB*   * Led development of **cross-platform mobile app** for a homecooked meals marketplace with team of 10 * Engineered the product’s engineering infrastructure & pipelines thro­­­ugh **automation & GitHub Actions**  [ACM Hack @ UCSD](https://hack.acmucsd.com/)| President & Co-Founder | Apr ‘19 – Present | *Full-Stack + Python + REST API*   * Taught over 20 workshops with **500+ attendees** in Full-Stackand scripting technologies * Developed a **MERN stack** project **with curriculum** for over **50** students to build over **6-week period** |

# projects

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| [Don’t Back Out](http://github.com/daniel-d-truong/don-t-back-out) |1st @ IEEE Projects Competition | *iOT + Android* | [github.com/daniel-d-truong/don-t-back-out](https://github.com/DANIEL-D-TRUONG/DON-T-BACK-OUT)  * **Built wearable slouch detector** connected in real time with **mobile Android app** via Bluetooth  [Covid Daily](file:///Users/danieltruong/Documents/resume/master--coviddaily.netlify.app) | Personal Project | *Flask + React + Typescript + Web Scraping |* [*master--coviddaily.netlify.app/*](https://master--coviddaily.netlify.app/)  * Created web application to **view COVID data + news by country**, with **Flask** backend and **React** frontend |

# skills

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| **Languages:** Golang, Kotlin, Typescript, Javascript, Python, Java, C++, C#, SQL, HTML/CSS  **Frameworks/Libraries:** React.js, Express.js, React Native, Flask, Angular, jUnit, PyTest, WebRTC, Spark Java, .NET  **Tools**: Docker, Kubernretes, MongoDB, PostgreSQL, Postman, TravisCI, Azure, Google Cloud, Github Actions  **Certifications:** Cloud Computing (Azure) Fundamentals by Microsoft, IT Fundamentals by CompTIA  **Hobbies:** Chess (1500 Rapid Rating), Photography, Hiking, Gaming |