

William Tsai

Full Stack Web Developer

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TECHNICAL SKILLS

Languages

HTML | CSS | Python | JavaScript | TypeScript | Swift | SQL

Frameworks/Server

Django | Flask | Angular | Express.js | Node.js

Libraries/Misc.

jQuery | Bootstrap | Xcode | AWS

Databases

MySQL | SQLite | MongoDB

PROFESSIONAL EXPERIENCE

Full Stack Web Developer Trainee

Coding Dojo

November 2017 – March 2018

Burbank, CA

Front/Back-end Development Training: Spent over 1500 hours learning 7 programming languages and building web applications in Django and MEAN, as well as iOS applications in Xcode

Portfolio Projects:

Team Roster Manager (solo project): A web application that allows users to create sports teams and manage their player roster. It utilizes Sportrader's API to fetch and display the entire player roster.

Technologies used: JavaScript, Node.js, Express.js, Angular, MongoDB, Bootstrap, Amazon Web Services

Coders On Demand (3-person project): A tongue-in-cheek e-commerce site that allows students to hire a freelance programmer to take their coding exams on their behalf. Personally responsible for producing the template component of the website's MTV model, as well as the static files

Technology used: Python, Django, SQLite, Stripe, Bootstrap, Amazon Web Services

Co-founder

Q-Cigarettes, Inc.

January 2015 – June 2016

Los Angeles, CA

Entrepreneurship: Founded company to develop the first smoking cessation app on the market delivering combination therapy, which was ultimately sold to University of California, Los Angeles' research program

Requirements Gathering: Conducted surveys and interviews with users and studied the smoking cessation industry to identify customer and market needs to help determine product features

Software Development: Led an Agile development of our Q-Cigarettes App by creating product roadmap, defining user stories and features, prioritizing product backlog, managing development sprints, and maintaining product spec documents

Cross-Functional Management: Managed collaboration in a team of 6 designers and engineers and utilized periodic team meetings and project management softwares to create and implement an efficient workflow that helped reduce development time by 25% for a minimum viable product

Product Testing: Orchestrated functional testing and user acceptance testing of our App and produced detailed reports to allow engineers to replicate and fix issues

EDUCATION

University of Southern California | Master of Public Health, GPA 3.72 | Los Angeles, CA | December 2014

Bucknell University | Bachelor of Arts, Chemistry, GPA 3.88 | Lewisburg, PA | July 2009

ADDITIONAL INFORMATION

Certification: Agile Project Management, 2016, LinkedIn

Hobbies: Table tennis, guitar, and swimming

Other Language: Mandarin (read, speak, and write)