Evan Suong

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Objective

Seeking software engineering internship, specifically interested in frontend web development.

Education

UC San Diego | Computer Science B.S.   3.4 GPA

La Jolla, CA   Sep 2018 - Jun 2022

Coursework: Web Client Languages (currently enrolled), Computer Networks (currently enrolled), Software Engineering, Algorithm Design, Discrete Math, Data Structures, Data Science, Systems Coding, Introduction to Computer Science and Object Oriented Programming

Experience

Engineers for Exploration | Smartfin Software Development Lead   Jun 2020 – Present

- Software Development lead of research team that analyses nearshore ocean data with a smart surfboard fin to calculate surf-zone metrics like wave height, swell period, and swell direction
- Built RESTful API using Python and Django web REST framework
- Instantaneous delivery of data using my API sped up all data analysis processes by over 1000%
- Built React JS web client to interact with aforementioned API to visualize acceleration and ocean temperature data collected by a Smartfin sensors and nearshore ocean buoys
- Web client being deployed to assist K-12 teachers with on the field STEM learning plans

Muse Startup | Frontend Developer   Jan 2021 – Present

- Part of frontend development team sponsored by UCSD's startup incubator program to build a mobile social media application that connects users together with their Spotify listening habits
- Built startup landing page using HTML, CSS, and JavaScript in order to advertise startup with a mailing list to provide application updates using Formspree
- Designed advertisement page and application wireframes in Figma

Fouro App for CSE 110 | Frontend Development Lead   Sep 2020 – Dec 2020

- Frontend lead of team that developed mobile that was voted in the top 5 out of 40 full-stack class projects and currently being showcased by UCSD's CSE newsletter
- Built application frontend with React Native, Axios, and Expo CLI
- Enforced a Gitflow development paradigm for our repository, adhering to open-source software best practices for collaboration and organization using spreadsheets and design docs
- Taught fellow frontend team members fundamentals in JavaScript and React Native
- Designed application wireframes in Figma

Solo Projects

Paper Tower Defense Game

- Programmed 2D tower defense game written using JS prototype chaining and DOM traversal
- Implemented A* pathfinding algorithm for Enemy movement with live path updates

Water Polo Stat Book Utility

- Built full stack .NET Core WPF application to store and analyze and store water polo team statistics throughout their seasons for my high school water polo team
- Designed SQL backend database to store and query team relational data in mySQL

ReactJS Grid Image Crop

- Developed ReactJS webapp that crops images into a grid photo collection for Instagram influencers and companies looking to add a unique touch to their feed

Skills

Languages
JavaScript
HTML, CSS
Python
SQL
C, C++
Java
Bash

Tools & Services
NodeJS
Figma
AWS EC2
Firebase
Heroku
Netlify
MySQL
Expo

Frameworks & Libraries
ReactJS
React Native
Django
ExpressJS
JQuery

Soft Skills
Problem Solving
Passion to learn
Creativity
Deliberate in decisions
Artistic Vision
Obsessive motivation