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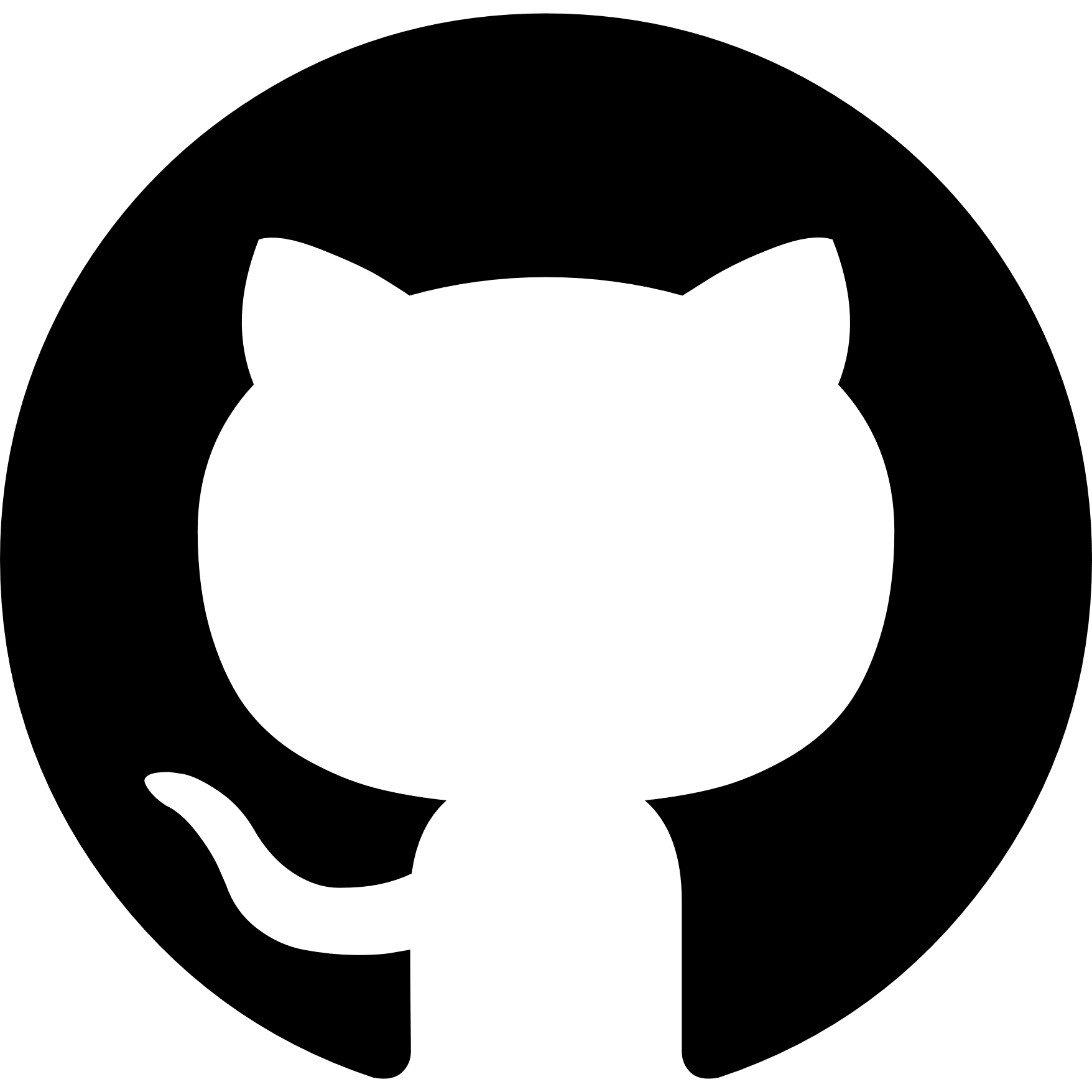
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[github.com/evansuong](https://github.com/evansuong)

# **Evan Suong**





 **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 projectsand 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