

Aaron Wong

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Statement: Software Engineer

Email: aar34w23@gmail.com

GitHub: <https://github.com/FlamingC4>

Education:

University of California San Diego

EST Graduation: 2020

GPA: 3.7

Major: Cognitive Science BS

Portfolio: <https://aaron-wong-portfolio.firebaseio.com/>

Minor: Computer Science

Relevant Courses:

Interaction Design, Human Computer Interaction Programming Studio, Data Science, Data Structures, Advanced Data Structures, Social Computing, Web Client Languages, Statistical Modeling and Analysis

Programming and Design Experience:

Java, C++, Javascript, Data Analysis using Python, HTML, CSS, Linux, Vim, Git, Design process, User Testing (testing template, Google Analytics), JQuery, Web Development

In Development:

Node JS, Machine Learning (Tensorflow.py), React JSX, SQL

Projects Completed:

WhatToOrder (August 2016):

- My introduction to APIs and Python (basic Flask framework implementation for the backend)
- Application makes use of the Foursquare API that recommends users what to order when at restaurants
- Developed Python functions using existing APIs to highlight modular functions such as aggregating restaurant information

DoItEarly (January 2018 to March 2018):

- DoItEarly is an app that allows users to keep track of their assignments and encourages post self assessment to improve future time management
- Applied optimized design principles for a lean, efficient programming approach that highlights important features
- This prototype uses Node.js and JSON files as a backend makeshift database

NBA (February 2018 to March 2018):

- Data Science project that used an API to answer this question about the NBA: over the years, do more successful teams appear to have a more impactful player on the team
- We stored data the the api scraped into CSVs and then used python to visualize and analyze the data
- Project was insightful as I now understand the power of data science and how teams could use it to gain leverage

Pantry (March 2018 to June 2018):

- A web app where users can input what food he/she has in the kitchen and get recipes based off of it
- This idea was stemmed off of WhatToOrder, using Node and Express instead of Python's Flask
- Uses a restful API to make calls to the Spoonacular API
- Front end utilized Vue.js and used AJAX calls to communicate with the backend
- Made use of SQL, Node JS and Vue.js to render information for dashboard visualization

MemeMaster (November 2018 to December 2018):

- Short project to experiment with a CRUD app (create, read, update, delete) using Javascript
- Users can sign into an account and create memes
- Utilizes Google services such as Google Firestore, Google Authorization, and more

Work/Tutoring Experience:

Library Volunteer at the Evergreen Library Branch

Math Tutoring Experience: K-12 Students in library (Math Companions)

Tech Museum Volunteer (2015-2017)

Other Skills:

Emerged into music production, Studied music theory as a hobby, Experience with Ableton Suite, Novation Launchpad, Decent Social Skills, Communication skills and problem solving, Efficient at time management, Team mentality (my goal is to make a team better as a whole), learn well from mistakes, Ability to step up during pressure, LeBron James effect