

# Aaron Wong

Statement: UX Designer, Software Engineer

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## Education:

University of California San Diego

EST Graduation: December 2019

GPA: 3.78

Major: Cognitive Science BS

Minor: Computer Science

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## Work/Tutoring

Library Volunteer at the Evergreen Library Branch

## Experience:

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

Tech Museum Volunteer (2015-2017)

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## Relevant Courses:

Interaction Design, Human Computer Interaction Programming Studio, Data Science, Data Structures, Advanced Data Structures, Social Computing

## 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, Web Client Languages

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## 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 (Spoiler: yes)
- 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 understood 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

UCSD (March 2018 to June 2018):

- Designed a prototype for an app to be used at a sporting event
- Utilized the design process with interviews, prototype phases, etc...
- Completed a portfolio of the project at the end to illustrate the iteration of the project

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## 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