

Stanton Huang

stantonhuang11@gmail.com | (858) 231 - 6244 | [Portfolio](#) | [Github](#) | [LinkedIn](#) | [AngelList](#)

SKILLS

Javascript, Node.js, React, Redux, PostgreSQL, Ruby on Rails, MongoDB, Express, HTML5, CSS3, Git

PROJECTS

Vaporize: *A single page Spotify clone using PostgreSQL, Ruby on Rails, and React / Redux*

Live Link: <https://vaporize-sh.herokuapp.com> | **Code:** github.com/aethervial/Vaporize

- Integrated HTML's native audio player with Redux's global store by dispatching actions across multiple components to give the user a continuous experience.
- Minimized loading times by frontloading current user related API calls and keeping already fetched information in the Redux store.
- Utilized AWS S3 along with Rails ActiveStorage to store music related assets to reduce bloat on the application.

SafeWalk: *A walking path optimizing app using MongoDB, React, NodeJs and Express*

Live Link: <https://safewalker.herokuapp.com> | **Code:** github.com/aethervial/SafeWalk

- Designed an algorithm that takes into account distance travelled along with crime rate to find optimal walking paths around the Financial District of San Francisco using an implementation of Dijkstra's Algorithm in NodeJS.
- Parsed data from multiple public APIs including DataSF and Mapbox in order to generate a route on the frontend and create a node graph of intersections in San Francisco on the backend.
- Worked with a team of 3 engineers and maintained a shared Git repository. Coordinated merges and merge timings to minimize conflicts.

Enter the Blungeon: *A shoot-em-up style game using JavaScript, CSS and HTML*

Live Link: aethervial.github.io/Game | **Code:** github.com/aethervial/Game

- Utilized object oriented programming to create a modular game that simplifies scaling and unit testing.
- Implemented collision detection and particle trajectories using vectors built from JavaScript arrays. New instances of moving particles, such as bullets, take in an [x,y] array that determine horizontal and vertical speed.

EXPERIENCE

Cornerstone Academic, Atlanta, GA - *Assistant Center Director*

May 2018 - May 2019

- Consistently increased student scores by an average of 147 points on the SAT and 4 points on the ACT (10 percentage points) over a month of teaching.
- Managed a team of 8 part-time employees to ensure student success in various programs.
- Promoted from part-time instructor to full time position due to positive student outcomes.

Kleber & Associates - *Marketing Consultant*

May 2014 - Aug 2015

- Redesigned the company website to be more responsive using CSS and HTML manipulation.
- Managed InfusionSoft CRM database after migrating contact database from Microsoft Excel, streamlining contact management.

EDUCATION

Emory University, Atlanta, GA - *BA in Mathematics and Economics* - May 2018

App Academy, San Francisco, CA - *Full Stack Web Development Bootcamp* - October 2019