

# Stanton Huang

(858) 231 - 6244 | [Portfolio](#) | [Github](#) | [LinkedIn](#) | [AngelList](#)

## SKILLS

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

## PROJECTS

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

- Integrated HTML's native audio player with Redux's global store by dispatching actions across multiple components to give the user a continuous experience using a custom media player.
- Minimized loading times by managing Redux state by frontloading basic API calls and keeping fetched information in the Redux store. Additionally optimized PostgreSQL database in order to fetch data from multiple tables when making API calls to the backend.
- Utilized AWS S3 along with Rails ActiveStorage to store music related assets to reduce bloat on the application and loading times.

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

- 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.
- Scraped and 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 with rogue-like elements using JavaScript, CSS and HTML*

- Utilized object oriented programming to create a modular game that simplifies scaling and unit testing.
- Implemented collision detection and particle trajectories using vectors.

## EXPERIENCE

**Cornerstone Academic, Atlanta, GA** - *Asst. 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 5 part-time employees to ensure student success in various programs.
- Promoted from part-time instructor to full time position due to 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** - *Immersive Full Stack Development Bootcamp* - October 2019