

Kenneth Choi

(408) 239-3088

kennethchoi@gmail.com

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

Ruby, Rails, JavaScript, React, Redux, PostgreSQL, MongoDB, Express, Node.js, SQL, HTML5, CSS3, Git, AWS

EXPERIENCE

Front End Developer

Nika Digital Agency

Oct 2017 - Present

- Contributed to production codebases for 20+ web applications and landing pages for Fortune 500 clients including Protiviti and Jabil (**HTML5**, **CSS3** / **SASS**, **JavaScript** and **jQuery**) while adhering to documentation standards and best practices
- Employed Agile methodology to manage development lifecycle through discovery, programming, testing and launch phases

Marketing Manager

Nika Digital Agency

Aug 2016 - Sep 2017

- Leveraged **JavaScript** and **Excel** to implement **data analytics** dashboards, reducing agency work hours by 16 hours/month
- Directed SEM management portfolio to Google Partner status with average +1140% increase in monthly managed spend
- Led tactical execution of marketing campaigns to win client partnerships with Microsoft, Amazon Labs, Samsung, & Huawei

PROJECTS

AERBNB (Ruby on Rails, PostgreSQL, React, Redux, Sass, Webpack, AWS, Heroku)

[live](#) | [github](#)

A pixel-perfect clone of Airbnb (single-page application)

- Utilized **Google Maps API** with custom geolocation-based database querying to dynamically present business locations based on map coordinates / user parameters
- Integrated **AWS S3** with Rails **ActiveStorage** to streamline image uploads, reducing server load and allowing for scalability of image services
- Optimized **PostgreSQL** database to avoid N+1 queries with **ActiveRecord** associations by extracting data from multiple tables in a single query resulting in faster image rendering in **React** components

TYPE FIGHTER (MongoDB, Express, React, Redux, Node.js, Sockets.io)

[live](#) | [github](#)

A real-time multiplayer game designed to improve typing skills in a fun and competitive manner.

- Authored front-end and back-end authentication measures with **BCrypt** on the back-end and **React Router/Redux** on the front-end to ensure user privacy and autonomy
- Integrated **Sockets.io** with **Redux's** global store to render available game rooms across multiple sessions in real-time
- Developed reusable, modular modal components in **React** for optimized front-end architecture and faster development workflow

WORLD HAPPINESS REPORT (D3.js, JavaScript, Webpack, Babel, Sass, HTML5, CSS3)

[live](#) | [github](#)

An interactive visualization / analysis of data from the annual World Happiness Report

- Designed data visualizations in **D3.js** for dynamic, real-time rendering of over 1000 data points
- Optimized codebase with **class-based architecture** and **Object-Oriented Programming** principles to ensure modular, DRY code
- Aggregated and normalized multiple sources of CSV & HTML table data to **JSON** and asynchronously loaded data to efficiently render dynamic views of all relevant information to user

EDUCATION

Software Engineering - App Academy | Spring 2019

BA Sociology - University of California, Los Angeles | 2007 - 2011