KENNETH CHOI

(408)239-3088   kennethichoi@gmail.com   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

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

PROJECTS

AERBNB (Ruby on Rails, PostgreSQL, React, Redux, Sass, Webpack, AWS, Heroku)   live | github
A pixel-perfect clone of Airbnb (single-page application)
- Integrated Google Maps API with geolocation-based search functionality to dynamically present business locations based on user parameters.
- Utilized AWS S3 and ActiveStorage in Rails 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.

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.
- Utilized React Router with front-end and back-end authentication measures 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.
- Built custom modal framework in React for optimized front-end architecture.

SORT VISUALIZER (D3.js, JavaScript, Axios, Webpack, Babel, Sass)   live | github
An interactive data visualization for sorting algorithms.
- Designed data visualizations in D3.js for dynamic, real-time rendering of Selection, Insertion, Radix, Merge, Quick, Shell and Bubble Sort algorithms.
- Optimized codebase with class-based architecture and Object-Oriented Programming principles to ensure DRY code.
- Packaged script to store progressive state of recursive algorithms for efficient DOM rendering.

EXPERIENCE

Front End Developer
Nika Digital Agency   Oct 2017 - Present
- Deployed more than 20 web applications and landing pages for Fortune 500 clients.
- Maintained and enforced front-end codebase while adhering to documentation standards.
- 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.

EDUCATION

BA Sociology - *University of California, Los Angeles | 2007 - 2011*
Software Engineering - *App Academy | Spring 2019*