

RIKEY CHEN

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[LinkedIn](#)

[Github](#)

SKILLS React.js, Redux.js, JavaScript (ES5/ES6), Ruby, Ruby on Rails, MongoDB, Express.js, Node.js, RSpec, SQL, PostgreSQL, Git, HTML5, CSS3, RESTful APIs, Webpack

PROJECTS

Bookbnb | (Ruby on Rails, JavaScript, React, Redux)

[Live Site](#) | [Github](#)

A full-stack replica of Airbnb, an application to offer lodging to others.

- Integrated Google Maps API with Autocomplete to parse user input into listing locations displayed on the map.
- Engineered RESTful backend routes and JBuilder views using Ruby on Rails to efficiently retrieve data from the database and parsing it to provide a smooth supply of data to the frontend.
- Incorporated React-Dates API to provide a seamless process when choosing dates for a booking.
- Applied Redux and browser properties to persist search filter parameters between pages.
- Created custom modal framework using React-Redux, allowing efficient development of new forms.

FUPS, For User Progress | (React, Redux, JavaScript, MongoDB, Express, Node)

[Live Site](#) | [Github](#)

A progress tracker and social media application for users to monitor their mistakes and receive data for improvement.

- Designed a custom backend route using MongoDB aggregation and Express.js to retrieve sorted upvote data.
- Applied React to make posts feed appear as two separate pages and succeeded in integrating Redux to persist post upvote count between these pages in real-time.
- Utilized React-InfiniteScroll API as a UI scrolling enhancement while reducing the amount of data requested from the backend to 25 documents per Axios request and improving overall page loading speed.
- Implemented React-Slick API with custom styling to create an automated, yet visually simple panel to display information about the application.

Block Attack | (JavaScript, HTML5, CSS3)

[Live Site](#) | [Github](#)

A rendition of Tetris made only with JavaScript, HTML5, and CSS3.

- Constructed an algorithm that iterated through the grid to set the predicted ending position of the block which allowed instant drop functionality.
- Applied an algorithm based on a rotation matrix which centered movement around a pivot block to create block rotation functionality.
- Utilized strong object-oriented programming to build organized game logic and reusable code.
- Incorporated JavaScript DOM event listeners and asynchronous functions to create a functional user interface.

EXPERIENCE

Liberty Mutual Insurance Group

Commercial Lines Underwriter

Jan 2016 - Mar 2018

- Managed a portfolio of clients which generated \$7 million in gross annual revenue by consistently collaborating with regional brokers and distribution partners.
- Coordinated a pipeline program with distribution partners that led to a hit-ratio increase of 6% and flow increase of 20%.

D-Link Systems, Inc.

Business Analyst Intern

Oct 2016 - Dec 2016

- Identified potential growth in the modem-routers market and proposed strategies to upper-management.
- Developed data-compiling applications through MicroStrategy to assist in data analysis and decision-making.

EDUCATION

App Academy (October 2018 Cohort)

1000-hour immersive full-stack web development intensive with a 3% acceptance rate.

University of California, Irvine (December 2015)

Bachelor of Arts in Business Economics