

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.

- 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.
- Integrated Google Maps and Autocomplete API to geocode input into coordinates which were then persisted to the map by pushing the coordinates to the history object and resulting in listings rendered on the map.
- Incorporated React-Dates API to provide a seamless process when choosing dates for a booking.
- 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 to monitor mistakes and receive data for improvement.

- Designed a custom backend route using Express.js and MongoDB's dynamic schema structure which allowed aggregation of records in the post collection to return the number of upvotes per post.
- 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 used 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 with distribution partners that led to a hit-ratio increase of 6% and flow increase of 20%.

D-Link Systems, Inc.

Business Analyst Intern

Jun 2015 - Dec 2015

- Identified a 48% year-over-year growth in modem-routers and proposed strategies to management to enter the AC1900 cable modem router market based on market data and number of product facings in stores.
- Developed multiple applications using MicroStrategy and MarketWatch which displayed product trend data of thousands of computer networking devices and ultimately provided an efficient tool to use for market analysis.

EDUCATION

App Academy (January 2019)

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