

Brian Chen

[GITHUB](#)[LINKEDIN](#)[WEBSITE](#)

Software Engineer (347) 997-0665 • brianc.cb@gmail.com

SKILLS

JavaScript • Ruby • Ruby on Rails • React • React Native • Redux • HTML5 • Sass/CSS • SQL • Unix

PROJECTS

Floorsurfing (ReactJS, Ruby on Rails, PostgreSQL)

[Live](#) | [GitHub](#)

Full stack web application for travelers looking for “floors” to sleep on. Inspired by Couchsurfing.

- Leveraged Google Map’s API to implement an interactive map of listings, filtering data based on cities, amount of guests and dates.
- Dispatches AJAX requests to RESTful backend to retrieve, create or update models that renders on React Components.
- Utilized Sass to provide extensibility in writing css by creating re-usable variables and allowing css selectors to inherit/extend other selectors.
- Designed with Redux architecture to provide isolation of state management through the use of reducers, middlewares, actions and store.

Space Invaders (Javascript, jQuery, CreateJS)

[Live](#) | [GitHub](#)

Space Invaders game on web browser with a unique and personal feel.

- Implemented with CreateJS to enable render rich interactive graphics on HTML5 canvas.
- Calculated pixel perfect collision detection to enhance gameplay.
- Optimized dom manipulation through the use of jQuery to switch between welcome screen and canvas.

Timeline (React Native, JavaScript, Firebase)

[Live](#) | [GitHub](#)

IOS mobile note taking application

- Utilized NavigatorIOS, Modal, TouchableHighlight to provide a user friendly workflow.
 - Integrated Firebase to store entries which allows data to be accessed on any device.
 - Applied React Native Swipeout library to create swipeable components, allowing for a natural and intuitive mobile interface.
-

EXPERIENCE

Turbonomic (Technical Support Engineer)

April 2015 - August 2016

- Utilized Unix, SQL and Java to diagnose, troubleshoot and identify solutions to resolve client issues.
 - Researched and reproduced client environment to test and validate solutions.
 - Managed 5-10 issues a day from start to finish while providing prompt and accurate feedback to clients.
-

EDUCATION

University at Buffalo, SUNY

July 2014

B.S. Electrical Engineering