

Brian Chen

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

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

SKILLS

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

EXPERIENCE

EsFiddle (Open Source Contributor)

March 2017 - Present

- Improved several user interfaces by implementing a navigation bar in EJS.
- Purposed and architected a way to adding title and description to each “fiddle” or example.

Turbonomic (Technical Support Engineer)

April 2015 - August 2016

- Diagnosed, troubleshooted, and identified solutions to resolve client issues using Unix and Java.
 - Researched and reproduced client environment to test and validate solutions.
 - Managed several top priority bugs on a daily basis while providing detailed feedback to clients.
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PROJECTS

Floorsurfing (React-Redux, 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.
- Dispatched AJAX requests to RESTful backend to retrieve, create or update models.
- Managed different application states with Redux architecture through the use of reducers, middlewares, actions and store.
- Utilized Sass to provide extensibility in writing css by creating re-usable variables and allowing css selectors to inherit/extend other selectors.

Space Invaders (JavaScript, jQuery, CreateJS)

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

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

- Rendered rich interactive graphics through CreateJS.
- Calculated pixel perfect collision detection by tracking position of images displayed on the canvas.
- Optimized DOM manipulation through the use of jQuery to switch between screens.

Timeline (React Native, JavaScript, Firebase)

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

IOS mobile note taking application

- 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.
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EDUCATION

University at Buffalo, SUNY

July 2014

B.S. Electrical Engineering