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*

A platform for providing a test bench for the newest ECMAScipt features.

- Improved several user interfaces by implementing a navigation bar in EJS which can be easily added to different interfaces.
- Purposed and architected a way of adding title and description to each "fiddle" or example.

Turbonomic (Technical Support Engineer)   *April 2015 - August 2016*

- Utilized Unix 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 detailed feedback to clients.

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 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 rendering of 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 screens.

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.

EDUCATION

University at Buffalo, SUNY   *July 2014*

B.S. Electrical Engineering