

# Joshua Blaine Richards

1080 Folsom • San Francisco, California • 94103

CELL (740) 739-8931 • E-MAIL [Blaine.Enterprise@gmail.com](mailto:Blaine.Enterprise@gmail.com)

---

## PROJECTS **NeverMorte** | Sole Developer | [link](#) • [github](#)

*Evernote inspired note-taking web app built using Rails & React/Flux framework*

- Presents a responsive and fluid user interface, using AJAX requests with a full-stack single page application to return real-time content
- Fully integrates a React-Quill component for rich text editing optimized for Quill's diffing algorithm to save over 300% on loading times
- Strengthens user experience with comprehensive and elegant SCSS styling using smooth transitions and hover effects

## **DataInStructures** | Sole Developer | [link](#) • [github](#)

*Data structure analysis with an animated and interactive guide (jQuery & CSS)*

- Displays a styled representation of an Array, with buttons that trigger animated representations of the data structure's core methods using Anime.js
- Includes a written guide with sample animations that describe the functionality and behavior of data structures.
- Explains algorithmic analysis and Big O notation in a straightforward and novice friendly way.

## **PlanetWar** | Sole Developer | [link](#) • [github](#)

*RTS game made with JavaScript, CSS, and React*

- Maintains enjoyable user experience with intuitive UI, styled and animated with Javascript and CSS transitions
- Uses vector arithmetic and React's efficient diffing to dynamically update the page according to the current game state
- Interacts with users via the actions of the enemy A.I. and situational prompts

## **Moonbots 2011 Competition** | Worldwide Grand Champion | [link](#)

*Google sponsored robotics competition with 200 competing teams*

- Was a core programmer and builder for the Lego robot, contributing to my team getting the only 100% score on Robot performance
- Communicated with Lunar XPrize team FredNet for information and tools for my team, allowing us to create a robot controllable via the internet

---

## SKILLS

<b>Ruby</b>	<b>SCSS</b>	<b>JavaScript</b>	<b>React.js</b>	<b>jQuery</b>	<b>SQL</b>
<b>Ruby on Rails</b>	<b>Flux</b>	<b>HTML5</b>	<b>CSS3</b>	<b>Rspec</b>	<b>Git</b>

---

## EDUCATION **App Academy** | Acceptance rate under 3%

**May-July 2016**

- Intensive 1000 hour web development bootcamp that emphasizes pair programming, test driven development, and engineering best practices

**PORTFOLIO** [joshuablaine.github.io](http://joshuablaine.github.io) • **GITHUB** [github.com/JoshuaBlaine](https://github.com/JoshuaBlaine)

**LINKEDIN** [linkedin.com/in/joshua-richards](https://linkedin.com/in/joshua-richards)