

# Joshua Blaine Richards

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## 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

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## WORK EXPERIENCE

### **Hyper Local Media** - Folsom, CA

*Freelance Rails & UI developer for SaaS products (Feb 2017 - Present Day)*

- Updated and modernized sitewide theme and user facing admin interface
- Refactored and added features to React.js based website building tool, making for a more complete user experience and for easier additional development
- Optimized the backend with eager loading to avoid multiple N+1 database queries

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## 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>

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

**May-July 2016**

- Intensive 1,000 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)  
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