

# Benjamin Rawner

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[Linkedin](#)

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[Portfolio](#)

**SKILLS** iOS, Swift, React-Native, Objective-C, React, Redux, Ruby, Ruby on Rails, ERB, JavaScript, jQuery, SQL, SQLite, NoSQL, PostgreSQL, Git, HTML5, CSS3, MongoDB, Express.js, REST API, Canvas, AJAX, Axios, Node.js, RSpec, Magnolia, TDD,

## PROJECTS

**SFRider** (React, HTML, CSS, Javascript)

[Github](#)

*A single-page **React** web-app that displays bicycle data on multiple overlaid maps from the city of San Francisco.*

- Connected to multiple OpenSF data API endpoints to gather and then shape JSON data for multiple displays.
- Designed personalized markers, pop-ups, and routes to make the map and UI more easily discernible.
- Created a custom "legend" React component instead of the built in informational to showcase multiple layers of accessibility.

**Child Word Star** (Swift, iOS, CoreData, XCode, AVFoundation)

[iOS Store](#)

*Multilingual, multimedia, fully customizable educational iOS app to help children learn to read.*

- Designed, developed and released from the ground up a fully functional iOS app to further children's literacy.
- Recorded and edited 400 soundbites in 4 languages using Pro Tools.
- Implemented recordings using AVFoundation for parental customization for recordings in multiple languages.
- Created save functionality using CoreData for persistent storage of user created recordings, images, and text.

**Tower Guard** (Javascript, HTML, CSS and JQuery)

[Live Site](#) | [Github](#)

*A single-player birds-eye view tower defense game with characters borrowed from the original Warcraft.*

- Implemented a 2D physics engine using vanilla Javascript for collision detection and game scoring.
- Designed a responsive pathfinding algorithm similar to "Brushfire" to guide enemy units.
- Implemented AI framework and basic behavior
- Used sprites and Canvas to create a seamless gaming experience by rendering at different and specific frame rates.

**Checkoff** (Rails, React, Redux HTML5, and CSS3)

[Github](#)

*A fullstack single-page "Remember the Milk" pixel perfect clone where users can add todos, lists, schedules and tags.*

- Implemented encrypted user authorization using Rails, BCrypt, JBuilder, Session Tokens, React, Redux, and React-Router.
- Designed and implemented a PostgreSQL database architecture with Rails using associations to quickly access, manipulate and move data.
- Leveraged the Redux cycle to temporarily store non sensitive data for efficient display and updating.
- Created a React interface using CSS that is responsive and mobile friendly.

## EXPERIENCE

**BrainDo, Junior Developer and Project Manager** Philadelphia, PA (Remote)

2022-Present

- Collaborated with the Senior Web Developers/Applications Programmers to design, develop, and modify web applications using WordPress, Contentful, and other CMS environments.
- Assisted in the development and implementation of project conversion and system implementation plans.
- Performed coding, data analysis, and testing for new and updated systems
- Ensured adherence to industry best practices, client policies, and security standards on all projects.
- QA-ed web apps, mobile and desktop, and native apps to assure functionality.
- Defining the specific data points and events that need to be tracked on a website, such as page views, clicks, form submissions, and user interactions in the data layer.

**BEHB Law, Accountant's Assistant** San Francisco, CA

2013-2019

- Designed effective procedures to track, manage, and appeal billed time deductions for partner and associate attorneys to reduce losses
- Awarded **employee of the year** from a pool of worthy nominees because of my substantial cut in the amount of firm losses

## EDUCATION

**App Academy** San Francisco, CA

2019

- Sharpened full stack development skills with Ruby, Rails, MongoDB, Express, React, Node, JQuery, Redux, Javascript SQL, HTML, and CSS.

**UC Berkeley** Berkeley, CA

2004-2008

- Graduated with a degree in Sociology with a focus on organizational structure

**Volunteer Work** Bay Area, CA

2004-2015

- Uhuru Furniture (African People's Education and Defense Fund Charitable Donations Furniture Store)
- SF 30th St. Senior Center - Effectively taught a technology class of 20+ seniors focused on Microsoft products
- Guided seniors in their development and understanding of troubleshootings to ensure future technological access and use