

Elisha Mordechai

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PROJECTS

Illumevents (Ruby on Rails, React.js/Redux, PostgreSQL, AWS, CSS)

A single page events hosting app inspired by Eventbrite

[live](#) | [github](#)

- Applies CRUD features with React's virtual-DOM to render and update fetched data dynamically from custom built API endpoints
- Stores image uploads in the cloud with AWS S3 using Paperclip and Figaro, reducing load on server and improving app scalability
- Implements backend user authentication to store BCrypt generated password hashes, securing stored user password data

DOMod (JavaScript)

[live](#) | [github](#)

Lightweight JavaScript library for convenient DOM manipulation

- Abstracts browser DOM API into JavaScript objects through wrapper design pattern for intuitive traversal and manipulation of HTML elements
- Stores event handler callback functions on DOM nodes for convenient alteration

Garageband Lite (JavaScript, jQuery, CSS)

[live](#) | [github](#)

Browser Based Clone of Mac OS X's Garageband App

- Integrates DRY, object-oriented design principles, resulting in maintainable code base
- Implements linked lists to organize recordings, utilizing a recursive algorithm to traverse all sound-byte nodes and update, delete, split or copy them
- Uses drag and drop functionality to dynamically alter recording's start/end position
- Utilizes asynchronous callbacks to play multiple instruments simultaneously

SKILLS

Ruby, Rails, JavaScript, HTML, CSS, jQuery, React.js, Redux, Git, RSpec, SQL, Vue.js, Vuex, Typescript, Node.js, Jest, SCSS, JIRA, Confluence, Webpack, Bootstrap, Scala, Functional Programming, Cypress, Jest, ScalaTest, Highcharts, Slickgrid, Kotlin

EDUCATION

Web Development - App Academy (Summer 2017)

- 1000-hour full-stack programming bootcamp with <5% acceptance rate
- Teaches full-stack web development: Rails, SQL, JS, React, TDD, algorithms and programming best practices

BBA Real Estate - Macaulay Honors College At Baruch, Class of 2012

- GPA 3.94

EXPERIENCE

Software Development Engineer - 1010data (Jan 2019 - November 2019)

(Vue.js, Scala, Typescript, Scss, Highcharts, Slickgrid, Jest, Cypress)

- Collaborated on the maintenance and refactor of full stack dscvr project, including but not limited to bug fixes, code reviews, feature enhancements & e2e testing
- Implemented development, testing and integration of "Column Statistics" data visualization feature from start to finish, utilizing Slickgrid and Highcharts
- Spearheaded initiative to reach nearly 100% code coverage for front end unit and integration testing, curbing regression bugs, enforcing SRP coding practices and limiting e2e testing of business logic

Front End Developer - eGifter (Dec 2017 - Dec 2018) (Vue.js, Typescript, Node.js, Scss, Webpack)

- Modernized entire platform to a single page, creating fully responsive, reusable UI components for the b2c digital gift card marketplace using Vue.js and Typescript
- Co-led the development and integration of the group-gifting app into b2c marketplace
- Orchestrated the implementation of build-time and run-time optimizations, including lazy-loading assets, dynamically loading components, and webpack code splitting
- Utilized Agile development methodologies, executing weekly sprints and code reviews
- Facilitated the development of hybrid mobile applications for Android and ios