

# OLIVER ALMALEL

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## >> Skills

### Front End

JavaScript, React, Redux, Apollo + GraphQL, Babel, Webpack, jQuery, Canvas, HTML5, and CSS3/SASS

### Back End

PostgreSQL, MongoDB, Node.js, Express.js, Mongoose.js, Apollo-Server, Ruby on Rails, AWS S3 and Lambda

### Testing & Containerization

Ruby on Rails: **RSpec**, **Capybara** | React: **Jest**, **Enzyme** | JavaScript: **Mocha**, **Chai**, **Jasmine** | **Docker & Kubernetes**

## >> Experience

### App Academy - Software Engineer Apprentice (Hacker in Residence)

Nov 2019 - Present

- Conducted technical screens of coding bootcamp applicants and assessed algorithmic aptitude in various languages, including **JavaScript**, **Ruby**, and **Python**.
- Guided web developer student applicants through technical interviews, reviewing analytical problem solving and providing constructive feedback.
- Appraised candidate abilities to work with other programmers and evaluate performance under high-stress conditions.

### Gourmet Coffee Service - Operations Manager (Micro Markets)

Dec 2011 - Nov 2018

- Using **VBA**, designed an Order Management System that pulled consumer data from our **CMS**, projected sales trends, and filled out order forms via an auto-script which ultimately reduced department overhead by 72% and food waste by 11%.
- Combined **MS Outlook's scripting** and **Verizon's SMS text-to-email** feature to create a messaging hub on the front of house terminal that automated communication from agents/techs/drivers in the field to the appropriate department heads.
- Designed various smart forms with **VBA Macros** that standardized report formatting, route scheduling, product ordering, and facilitated inventory management between office branches.

## >> Education

**Software Engineering - Full Stack Web Development** - App Academy (July 2019)

**B.A. - Multimedia Production** - California State University - Northridge (May 2009)

## >> Projects

**ETHER TECHNA** (Ruby on Rails, Postgres, JavaScript, React + Redux, HTML, CSS)

[Live](#) | [GitHub](#)

*A social journalism app*

- Built in-app text editor with **React Components** and **DOM manipulation** to give authors markup tools to style their articles.
- Applied eager-loading with **Rails' polymorphic** table association to pull **BLOB** data from **AWS S3**, reducing pull request load.

**PINTRIGUE** (JavaScript, React + Redux, MongoDB, Express, HTML, CSS)

[Live](#) | [GitHub](#)

*A social idea sharing app*

- Built backend with **Node + Express + Mongoose** so **non-relational database** could propagate with scalable, diverse data.
- Utilized **React + Redux** to render **modal page forms** that provide users an intuitive **UI** with components easy to maintain.

**JUST DECIDE** (GraphQL, Apollo, JavaScript, React, MongoDB, Express, HTML, CSS)

[Live](#) | [GitHub](#)

*Social voting app to help indecisive groups arrive at a decision*

- Employed **GraphQL** to resolve back-end queries from multiple tables into a single request, reducing fetch traffic.
- Leveraged **Apollo's memory cache** to store data across end-points, reducing extraneous back-end mutations.

**PHARMACIST ZENNY (GAME)** (JavaScript, React, MongoDB, Express, HTML, CSS)

*Work In Progress* | [GitHub](#)

*Field puzzle game styled after my Mother*

- Illustrated in game graphics with **HTML5's Canvas** to procedurally generate in-game sprites that are scalable to game area.
- Designed with pure **Vanilla JavaScript** and **webpack** to produce parseable, light-weight, reusable code.

## >> Interests <<

&lt; Practicing Aikido &gt;

&lt; An Impossible Love of Corgis &gt;

&lt; Drawing Animals as Humans &gt;

&lt; Singing to my Kids &gt;