

# Jared Jackson

## Software Engineer

New York, NY  
(815) 307-2938

✉ [jaredjxn15@gmail.com](mailto:jaredjxn15@gmail.com)

🐙 [www.github.com/JARED-J](https://www.github.com/JARED-J)

🌐 [www.linkedin.com/in/jared-jackson](https://www.linkedin.com/in/jared-jackson)

### Skills

**Proficient:** JavaScript, HTML, CSS, Node, React, React-Native Redux, ES6, Express, PostgreSQL, Sequelize

**Knowledgeable:** Test Driven Development, jQuery, Bootstrap, OAuth2, Python(Django), Unreal Engine

### Education

**Fullstack Academy of Code / Software Engineering Immersive**  
New York, NY

Highly selective software engineering immersive (< 10% acceptance) that focuses on full stack JavaScript, covering data structures, algorithms, test-driven development, and building full stack web applications using Node.js, Express.js, PostgreSQL, Sequelize, React.js, and Redux.

### Interests

Guitar, Game Development, Comedy

### Experience

#### Birch & Honey / Freelance Developer

*An e-commerce boutique selling clothing and home goods.*

- ❖ Implemented backend routes/service, using tokens for authenticated transactions
- ❖ Designed with relational database schema, with EAV pattern
- ❖ Leveraged semantic-ui libraries for accessibility and uniformity
- ❖ Developed cart based on users/session to support non logged in purchases
- ❖ Managed project, gathered requirements, provided updates, communicated timelines

### Projects

#### MealTracker / Solo Developer

GitHub: <https://github.com/JARED-J/mealtracker>

Play Store: <https://tinyurl.com/y35j2xde>

*A cross-platform mobile app that allows users to track their meals, snacks and calories throughout the day*

- ❖ Implemented user trends view that shows aggregated calories by day across the month
- ❖ Developed using React-Native which provides a performant, mobile-focused development platform
- ❖ Leveraged Redux to manage application state and achieve a unidirectional data flow
- ❖ Stored data locally on the user's device with SQLite for offline availability and privacy
- ❖ Unit tested database and front end functionality using Jest

#### Go Live Radio / Developer

GitHub: <https://github.com/GoLive-Radio/GoLive>

*Real time, audio streaming platform that allows users to connect with both live and archived content*

- ❖ Built a restful API to get, store, and update user data, audio blobs and other content using Express.js
- ❖ Incorporated third party authentication using OAuth to allow seamless integration with other highly visible applications like Google
- ❖ Used Muelter to handle audio input as form data and then write to the PostgreSQL database as audio blobs
- ❖ Leveraged Sequelize to interact with the PostgreSQL backend
- ❖ Built with React and Redux to achieve performant rendering and manage application state
- ❖ Developed using Node.js, and hosted on Heroku

#### Instrument Emporium / Developer

GitHub: <https://github.com/instrumentEmporium/instrumentEmporium>

*E-commerce site that sells instruments - users can search and sort by type, or rating*

- ❖ Created administrative access to allow admin users to add new products, and delete and/or update products and listings
- ❖ Leveraged restful SPA practices for linkable product pages
- ❖ React-redux allowed for cart persistence when leaving the website, or adding to cart before logging into account
- ❖ Stripe API to simulate a real checkout experience
- ❖ Developed using Node.js, Express.js, PostgreSQL, Sequelize, React, and Redux