

# Jason Cahela

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**SKILLS** JavaScript, Python, React, Redux, HTML5, CSS3, SQL, Git, PostgreSQL, Express.js, Sequelize, Flask, SQLAlchemy, AWS, WebSocket, Node.js, Jinja, Pug

## PROJECTS

**Discourse** (React, Redux, AWS, Socket.IO, Express, Sequelize, Node, PostgreSQL)

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

*A true to form single page clone of the popular chat application Discord, including Server, Channel, and Message creation.*

- Constructed a real-time friend request system with React conditional JSX rendering and Socket.io method calls to the backend that allows logged in users to send and receive friend requests in real time, and have their friends list updated as users accept/decline their requests
- Designed custom, reusable React components with prop threading for Discourse Server and Channel Redux objects so that the application's displayed content will change depending on which server and channel the user clicks on, resulting in a single-page, seamless experience
- Implemented server-side validation for user authentication, and Discourse Server, Channel, and Message entities by leveraging custom express validators to limit the character length of these entities and prevent them from being created/edited with empty or all-space values
- Demonstrated CSS expertise with Flexbox, positioning, and conditional class names to create a near replica of Discord styling and layout

**Finstagram** (Flask, AWS, SQLAlchemy, Docker, React, Redux, PostgreSQL)

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

*A social media JSPY application made in the design of Instagram in collaboration with two other developers*

- Spearheaded management of the Github repository and Github Issue workflow with automated Kanban board task creation to streamline the process of multiple developers working on various website features in tandem during a 1 week sprint
- Incorporated AWS (Amazon Web Services) API for user image upload on Finstagram Posts to reduce load on the backend database and increase scalability of the application
- Designed social media follower and following functionality using a many-to-many self-referential table relationship between the User's database table and itself so that each user will have an accessible list of other users that follow them, and users whom they follow
- Implemented conditional React component rendering to display images, gifs, and videos in the feed page based on the file extension retrieved from the file link stored via AWS, so that users can create and view any of those types of content on a post as they scroll through the feed page

**Barhoppr** (React, Redux, AWS, Sequelize, Express, PostgreSQL)

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

*A drink checkin platform that allows users to create and share their favorite drinks*

- Designed the bartop/wood theme of the website to fit with the style of the website's content with a centralized action button upon logging in to focus the user's attention on the Check-in functionality
- Implemented React context with a context variable that represented the drink selected so that clicking on a plus button on a specific drink card would open an ancestor Check-in form modal component with that drink's information pre-filled
- Constructed a modal search bar with autocomplete using Redux state and conditional rendering of the drinks list based on user input so that users can see drink suggestions when they start typing in the search form

## EXPERIENCE

**Omnitracs, LLC**

**Dallas, Texas**

*Technical Support Specialist*

June 2018 – May 2021

- Maintained all email tickets for the Tier 1 technical support line in partnership with the department team lead, resulting in a 34% increase in email case usage among clients, and a growth in the email case team from 2 to 6 members
- Authored best-practice documents on multiple telematics products such as Camera Event Video which were utilized by other support associates and new-hire employees for training
- Liaison between enterprise-level executive customers, Tier 2 engineering, and Network Operations teams to provide insight on customer impact during mission-critical technical issues or outages

## EDUCATION

### **App Academy**

*24-week Full Stack Online Course in Web Development (JavaScript and Python)*

- Rigorous 1000-hr software development course with < 3% acceptance rate
- Curriculum: JavaScript, Python, React, Redux, CSS, Express, SQL, PostgreSQL, TDD, scalability, single-page apps, REST, security, error-handling

**San Francisco, California**

June 2021 – November 2021

### **University of Hawaii at Manoa**

*Bachelor of Arts in Psychology (Cum Laude, Honors Graduate in Behavioral Neuroscience Research)*

**Honolulu, Hawaii**

Class of 2015