

CAMPBELL OLESON

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS React, Redux, Apollo GraphQL, NodeJS, Ruby on Rails, Amazon Web Services (AWS), Ruby, JavaScript, Java

PROJECTS

RipCamp (React, Redux, MERN, Google Maps API, Open Weather API, AWS, MongoDB)

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

RipCamp is a map-based application where users can find information on surf spots around the globe

- Leveraged Google Maps API to design a map-based interface where users can locate surf spots.
- Used Maps API to incorporate expandable info bubbles on surf-spot map markers and employed JavaScript DOM manipulation and CSS to highlight a surf-spot “quickshow” item when you mouseover its respective map marker, and vice versa.
- Engineered a boundaries-based query system that uses the geographical bounds of the map to query the database for surf spots falling within latitude/longitude range of the bounds.
- Designed a dynamic drop-down search bar that leverages regex search to display search suggestions with links to their respective show pages.

Fishhook (React, Redux, Ruby on Rails, PostgreSQL)

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

Fishhook is a fishing-themed social media site where users can create posts, upload photos, and “friend” each other.

- Engineered a backend associations system for friendships/friend requests using Rails ORM to create many-to-many user relationships.
- Used React to create a friend-requests dropdown that displays pending requests for the current user, as well as buttons for accepting and rejecting requests.
- Leveraged React / Redux to create a general “feed” component filtered by “friends” associations, as well as a “user feed” component where a particular user’s posts and activity can be viewed.

AmpCamp (React, Apollo GraphQL, MERN, AWS, MongoDB)

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

AmpCamp is a music-sharing site where users can stream, upload, and download music.

- Engineered an album-upload page that leverages React for front-end validations and asynchronously uploads photos and audio files (arranged into albums) to AWS.
- Used React to integrate play/pause buttons on song index items and created a fixed audio-player navbar that displays song and artist information for an intuitive listening experience.

EXPERIENCE

SME/Tax Prep Intern

Canopy Tax Inc.

Oct 2018 - Feb 2019

- Interpreted tax-form instructions and translated them into software logic (reference language based on Microsoft Excel functions) that automatically populated fields on tax forms.
- Troubleshooted and corrected taxpayer e-file errors by reading XML files and tracking down bugs in reference logic.
- Conducted extensive manual quality assurance of tax-prep software by running tax scenarios and testing against expected outputs.

Financial Services Representative

Cyprus Federal Credit Union

Jul 2018 - Oct 2018

- Used CRM software and banking software to look up member information and conduct transactions.
- Helped members determine which services best suit their financial needs.

EDUCATION

Web Development - App Academy | May 2019 - Sept 2019

Pre-Business - David Eccles School of Business | August 2018 - May 2019