

EXPERIENCE

Fullstack Engineer Intern, Course Report | San Francisco, CA (2016-2017)

Worked as key contributor in team of 6 to improve main site and build React Native mobile app.

- Core technologies: Ruby on Rails, React Native, Node.js/Express
- Improved the user experience by adding functionality and fixes to school reviews in rails application.
- Optimized site performance by removing n + 1 queries using eager loading with activerecord.
- Built MVP mobile app for Course Report that allows users to view and contact schools.
- Created Express proxy server for rails backend provide custom api for mobile application.
- Implemented Redis cache and fuzzy search functionality to make mobile app more performant.
- Added sort by current location functionality to show nearest schools first.

Testing Specialist, Exclusive Concepts | Burlington, MA (2017-2018)

- Designed a/b tests for ecommerce stores based on GA data and user behavior.
- Monitored performance through the duration of the test, analyzing when the test reached statistical significance.
- Created test development process for smaller projects to increase efficiency by removing the need to outsource work a foreign development team. Coded simple test solutions on ABTasty platform using jQuery.

Conversion Consultant, Exclusive Concepts | Burlington, MA (2016-2017)

- Acted as client facing consultant for companies of various sizes and industries including ELF Cosmetics and Jomashop.
- Conducted investigations of on-site shopper behavior using Hotjar, Google Analytics, and Feng-GUI. Delivered findings to clients as custom reports that included actionable recommendations and mocks.

PROJECTS

Jobly (React, Express, PostgreSQL)

Job search app similar to LinkedIn

- Implemented and tested restful APIs for User, Job, and Company resources.
- Added authorization and validation middleware to routes.
- Created react frontend that allows users to search for companies/jobs and apply for jobs.

MicroBlog (React, Redux, Express, PostgreSQL)

Blog App

- Created frontend for a blog app that allows write blogs, comment, and vote.
- Designed component hierarchy to promote reuse of components and easy data flow.
- Used redux and redux-thunk to query backend API and connect relevant components.

Warbler (Flask, SQLAlchemy, PostgreSQL)

Twitter Clone

- Created flask backend that serves static HTML.
- Used WTForms for form handling and validation.
- Modeled database using SQLAlchemy easy and efficient querying.

TECHNICAL SKILLS

Languages: Javascript, SQL, Python

Frameworks: React, React Native, Express, Flask, Rails

Other Tools: Redis, Git, Heroku, SQLAlchemy,, Redux, Jest, Enzyme, Supertest,

EDUCATION

Rithm School | Fullstack Engineering Immersive

Champlain College | B.S. International Business

