

SILAS BURGER

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EXPERIENCE

Full Stack Intern, Course Report | San Francisco, CA (November - December, 2018)

Contributed to core Rails application and the initial build of the mobile application

Core application stack: Ruby on Rails

- Improved user experience by adding like/unlike functionality to reviews and fixed review duplication issue.
- Optimized mission-critical queries using eager loading, decreasing latency.

Mobile application stack: React Native, Express/Node.js

- Built MVP mobile app for Course Report that allows users to read the blog and view/contact schools.
- Created Express proxy server for rails backend to provide mobile app with a custom API.
- Added fuzzy search and sort by location functionality to improve usability.
- Implemented caching via Redis to improve performance.

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

- Designed A/B tests for ecommerce stores based on Google Analytics data and user behavior.
- Monitored performance for the duration of each test, including when each reached statistical significance.
- Winning tests boasted ~15% increases in sitewide conversion rate.
- Created test development processes for smaller projects to increase efficiency by removing the need to outsource work to a foreign development team.
- Coded simple test solutions on an A/B testing 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.
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PROJECTS

Jobly (React, Express, PostgreSQL)

Job search app similar to LinkedIn

- Live: <https://joblyyy-front.herokuapp.com>
- Code: <https://github.com/silasburger/react-jobly>

Microblog Frontend (React, Redux)

Blog app

- Live: <https://microblogly-frontend.herokuapp.com>
- Code: <https://github.com/silasburger/microblog>

Warbler (Flask, SQLAlchemy, PostgreSQL)

Twitter clone

- Live: <https://warblarblarg.herokuapp.com>
- Code: <https://github.com/silasburger/Warbler>

React Snake (React)

Classic snake in React

- Live: <https://react-snakely.netlify.com>
 - Code: <https://github.com/silasburger/react-snake>
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TECHNICAL SKILLS

Languages: Javascript (ES6), SQL, Python, HTML, CSS

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

Other Tools: Redis, Git, Heroku, SQLAlchemy, WTFForms, Redux, Jest, Enzyme, Supertest, Google Analytics, Hotjar, Bash

EDUCATION

Rithm School | Full Stack Engineering Immersive

Over a 17-week period I built 25 frontend and backend projects with the React, Flask, and Express frameworks. I learned how to build scalable and secure web applications as well as data structures and algorithms.

Champlain College | B.S. International Business