

# 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 functionality and fixes to core rails application.
- 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.
- 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, WTForms, Redux, Jest, Enzyme, Supertest, Google Analytics, Hotjar, Bash

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## EDUCATION

### Rithm School | Fullstack 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 basic data structures and algorithms skills.

**Champlain College** | B.S. International Business