Logan Cooper

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Skills

- Ruby
- Ruby on Rails
- JavaScript
- React
- jQuery
- Redux
- d3
- AJAX
- Python
- PostgreSQL
- Stata
- HTML5/CSS3
- SCSS

Education

UC Santa Cruz
2012-2016
B.A. Global Economics
- Graduated with honors
- Capstone: Analyzed 250,000 points of Census data in Stata to estimate the economic returns of bilingualism to U.S. immigrants.

App Academy
2017
- Immersive 1000-hour full-stack web development program.
- Focus on Ruby, Rails, React, and TDD.

Projects

Alchemy Chart [PostgreSQL, Rails, React, Redux, Recharts]
Live | GitHub
Data visualization app based off of Chartio allowing users to upload data and explore it with charts
- Utilized Recharts' functionality along with Redux state management to allow for real-time data exploration.
- Wrote parsing function that uses regular expressions to differentiate between data types before piping data into Recharts.
- Constrained uploads by file type and size to prevent extraneous AJAX requests with bad data.

The Price of War [JavaScript, d3, Datamaps]
Live | GitHub
Interactive map illustrating the United States' role in the global arms trade
- Created a choropleth (a map showing different values in darker or lighter colors) on a logarithmic scale to illustrate international weapons flows.
- Extended Datamaps functionality with custom d3 and DOM event handlers to implement new interactive features.
- Ensured responsiveness and interactivity across a variety of screen sizes.

Snack Academy [PostgreSQL, Rails, React Native, Stripe]
Live | GitHub
Mobile app allowing App Academy students to order snacks and coffee supplied by myself and team
- Implemented Stripe Checkout on the frontend to securely process users' credit card information.
- Utilized Stripe gem to create a seamless UX wherein users can enter their information once and order many times.
- Integrated Facebook OAuth to provide an extra layer of security to our authentication system.

Experience

Premier Staffing | 2017 | San Francisco, CA
Temporary Lead Generation
Temporary Research Analyst
- Improved analysis of 11,000 points of string data by visualizing data in Python.
- Provided editorial support for quantitative PowerPoint reports worth over $52,000 in revenue.
- Collected info in Salesforce on over 700 prospective clients in the New York area in preparation for a major expansion