

# Logan Cooper

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## Skills

- Ruby
- Ruby on Rails
- JavaScript
- React
- React Native
- Redux
- d3
- Python
- Pandas
- PostgreSQL
- Stata
- HTML/CSS
- 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.

## Projects

### **Alchemy Chart** [PostgreSQL, Rails, React, Redux, Recharts]

[Live](#) | [GitHub](#)

*Data visualization app based off of Chartio allowing users to upload data and create charts.*

- Utilized Regular Expressions to differentiate between string, integer, and float entries while parsing datasets.
- Built file type and size constraints into frontend to prevent extraneous AJAX requests from bad data.
- Worked in HTML5 and CSS3 to design a website in accordance with the tenets of Material UI

### **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** (In development) [PostgreSQL, Rails, React Native, Stripe]

[GitHub](#)

*Mobile app allowing App Academy students to order snacks and coffee supplied by myself and team*

- Researched and implemented Stripe payments processing for our app on both the front- and back-end.
- Pair-programmed with my co-engineers to help debug difficult features.

## 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.
- Reduced time spent cleaning and visualizing data by creating dashboards with Excel pivot tables.
- Collected info in Salesforce on over 700 prospective clients in the New York area in preparation for a major expansion