

Logan Cooper

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Experience

Forio | 2018-Present | San Francisco, CA

Software Developer

- Developed React/Redux frontends for six educational simulations, worth over \$990,000 in revenue.
- Saved 8 to 16 hours of dev time per project with a Node CLI to auto-generate project and component boilerplate.
- Designed and prototyped a radar chart to visualize student data, resulting in a change order worth approximately \$5,000.

Destination Analysts | 2017 | San Francisco, CA

Temporary Research Analyst

- Facilitated analysis of 11,000 points of string data by cleaning and visualizing data in Python.
- Provided editorial and analytic support for quantitative market research reports worth over \$52,000 in revenue.

Projects

Alchemy Chart (PostgreSQL, Ruby on Rails, React, Redux, Recharts, SCSS)

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

Data visualization app based off of Chartio

- Utilized Recharts' visualization functionality along with Redux state management to allow for real-time data exploration.
- Parsed and validated incoming data with regular expressions to prevent uploads of bad data and correctly assign types to data.

The Price of War (JavaScript, D3.js, Datamaps)

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

Interactive map illustrating the United States' role in the global arms trade

- Extended Datamaps functionality with custom D3 and JavaScript event handlers to implement new interactive features.

Education

University of California Santa Cruz | B.A. Global Economics

- Analyzed 250,000 points of U.S. Census data in Stata with linear and logistic regression to estimate the economic returns of bilingualism for immigrants.