

Logan Cooper

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Experience

Forio | San Francisco, CA

Software Engineer

Jan 2018 – Present

- > Developed React/Redux frontends for 9 educational simulations collectively worth over \$990,000 in revenue.
- > Saved 8 to 16 hours of dev time per project while improving adherence to internal coding conventions by creating a Node CLI to auto-generate project and component boilerplate.
- > Wrote a Node pipeline to validate and parse client-provided XML documents, then automatically deploy them, saving developers several hours of doing those steps by hand.
- > Added privacy restrictions to legacy projects with new Node server endpoints to filter out personally identifiable data from our APIs to bring those projects into compliance with GDPR.

Destination Analysts | San Francisco, CA

Temporary Research Analyst

Feb – March 2017

- > Facilitated analysis of 11,000 points of unstructured survey response data by creating Python scripts to clean and visualize it as a series of cross-tabulated word clouds.

Projects

Linear Regression API | [Live](#) — [GitHub](#)

September 2019

- > Flask API to take in two variables in CSV form and run a linear regression on them.

Price of War | [Live](#) — [GitHub](#)

October 2017

- > Interactive choropleth map built with D3 and Datamaps to visualize global weapons flows.

Alchemy Chart | [Live](#) — [GitHub](#)

September 2017

- > RESTful data visualization app built with SCSS, React/Redux, Ruby on Rails, and PostgreSQL.

Education

University of California Santa Cruz

Graduated 2016

B.A. Global Economics – Graduated with Honors

- > Capstone Project: Estimated economic returns of bilingualism for U.S. immigrants by analyzing 250,000 points of U.S. Census data in STATA.

Skills

Languages

- > JavaScript
- > Python
- > Ruby
- > SQL (Postgres)
- > HTML5
- > CSS3

Frameworks/Technologies

- > React/Redux
- > D3.js
- > Node.js
- > Ruby on Rails
- > Flask
- > SCSS
- > REST APIs
- > Git