

Logan Cooper

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Skills

Languages

> JavaScript > Python
> SQL (Postgres) > HTML5

> Ruby
> CSS3

Frameworks / Technologies

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

Experience

Forio | San Francisco, CA

Software Engineer

Jan 2018 – Present

- > Consulted with design team and clients to scope out and develop React/Redux frontends for 8 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..
- > Developed an automated testing script in Puppeteer.js to visit every 'node' of a choose-your-own-adventure style simulation and check for server and rendering errors, saving QA from spending hours checking each of them by hand.

Destination Analysts | San Francisco, CA

Temporary Research Analyst

Feb – March 2017

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

Projects

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

September 2019

- > Simple Flask API to take in CSV data and run a linear regression on it.

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

October 2017

- > Interactive choropleth map using D3 and Datamaps to visualize global arms flows.

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

September 2017

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

Education

University of California Santa Cruz

Graduated 2016

B.A. Global Economics – Graduated with Honors

- > Capstone Project: 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.