Logan Cooper

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Experience

Forio   Jan 2018 – Present | San Francisco, CA
Software Engineer
> Developed React/Redux frontends for 11 educational simulations collectively worth over
  $1.2 million in revenue over 2 years.
> 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.
> Managed dozens of successful project releases by running Jenkins jobs, coordinating smoke
  testing on both test and prod servers, and communicating new features to clients.
> 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.
> Communicated with clients to scope projects, spec out new features, and track bugs.

Volunteer Experience

Code for San Francisco   March 2020 – Present | San Francisco, CA
Stop COVID-19: S.F. Bay Area
> Led efforts to gather county-level data on COVID-19 infections, both manually and with
  automated Python web scrapers.
> Contributed new features to a Vue dashboard for tracking new infections, important
  announcements, and resources for people affected by the shelter-in-place order.

Education

University of California, Santa Cruz   Graduated with Honors Dec 2016
B.A Global Economics
> Capstone Project: Estimated economic returns of bilingualism for U.S. immigrants by
  analyzing 250,000 points of U.S. Census data in STATA.

Personal Projects

Linear Regression API | Live — GitHub   September 2019
> Created a Flask JSON API which consumes CSV data, runs a linear regression on it, and
  charts the results on a HTML/CSS/JS frontend.

Price of War | Live — GitHub   October 2017
> Visualized the United States' involvement in the global arms trade with an interactive map
  built with D3 and Datamaps.

Alchemy Chart | Live — GitHub   September 2017
> Architected and developed a RESTful data visualization app with SCSS, React/Redux, Ruby
  on Rails, and PostgreSQL.

Skills

> Languages: JavaScript, Python, HTML5, CSS3, SQL.
> Technologies: React, Redux, D3.js, Node, Flask, SCSS, Bootstrap, Git.