Kevin Berry

Full Stack Web Developer

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EXPERIENCE

Code for America — Engineering Fellow

JANUARY 2016 - NOVEMBER 2016

- Advocated and secured approval for the first Digital Services Team for a public health department in the U.S. with a $200k budget.
- Sole engineer on a team that designed and built, from scratch:
  - 'ReqCheck' (Ruby on Rails), a vaccine record evaluator application that uses an in-house algorithm built with requirements outlined by the U.S. Centers for Disease Control.
  - 'ReqCheck-Extractor', a Python Extract-Transform-Load process bundled into a Microsoft executable, which moves data from a legacy SQL Server to a cloud PostgreSQL database.
- Managed deployment with Docker and ensured HIPAA compliance.
- Collected and evaluated 2+ months of user research from nurses, managers and patients to improve access to lifesaving immunizations.
- Coached government staff in user research, design sprints, and iterative building.
- Co-led a 25 person, professional development workshop "Recruiting and retaining technical talent" at the 2016 Code for America Summit.
- 1 of 18 selected to competitive fellowship (2% acceptance rate).

Flyr Labs, Inc — Web Developer

MARCH 2014 - DECEMBER 2015

- Built the company prototype that secured a $500k seed investment from Aixa Insurance; First engineering hire.
- Designed, built and managed core microservice APIs to power mobile, third party and desktop clients in Python and NodeJS.
- Created technical hiring process, engineering practices and new-hire onboarding program and grew engineering team from 2 to 7.
- Led diversity and inclusion in hiring practices, and created HR policies to prevent gender discrimination and harassment.

Treasure Island Sailing — Managing Director

JUNE 2010 - MAY 2013

- Managed $400k budget and grew the team from 10 to 22 staff and 50 volunteers to reach 2,000+ underserved students yearly.
- Overhauled programs, leading to a 100% increase in participation within two years and recognition from US Sailing for strength of programs, commitment to diversity and high standards of safety.

TECHNICAL LANGUAGES

Ruby
Python
Javascript
SQL

FRAMEWORKS/TOOLS

React
Git
Rails
Django
Flask
NodeJS (ExpressJS)
Docker
AWS

PROFESSIONAL SKILLS

Mentorship
Community outreach
Spanish fluency

VOLUNTEERING

Coding Mentorship

With MissionBit and CoderDojoSF, led semester long classes HTML, CSS and JavaScript to Bay Area youth.

Alameda Community Sailing

Co-founder and former Board Vice-President

EDUCATION

Bates College, Lewiston, ME
B.A. in Sociology, Economics and Spanish (2008)
- All-Scholastic All-American
- Varsity Alpine Ski Team (4 years)