

# 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, iterative building and [hiring technical talent](#).
- 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 and curriculums, leading to a 100% increase in participation 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  
Talent acquisition  
Curriculum development  
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)