



I am a full-stack web developer interested in working with others to craft clear, elegant solutions to a variety of challenging problems. I left a successful career as a civil engineer to pursue a career in a more innovative industry and to develop interactive applications that people enjoy.

## EDUCATION

### Web Development Immersive, General Assembly

June 2014 - August 2014

12-week intensive program in full-stack web development.

### University of California, Berkeley

May 2009

Bachelor of Science, Civil Engineering

## PROJECTS

### Dog Fortunes, [dogfortunes.herokuapp.com](https://dogfortunes.herokuapp.com)

An app to help people find a rescue dog to adopt

Ruby on Rails, PostgreSQL, RSpec, Petfinder API

### Meetup Culture, [meetupculture.herokuapp.com](https://meetupculture.herokuapp.com)

Visualizations of city culture based off meetup groups

AngularJS, D3.js, Rails API, PostgreSQL, Meetup API

## EXPERIENCE

### Sustainable Infrastructure Specialist, AECOM

October 2012 - February 2014

AECOM is ranked as the #1 engineering design firm by Engineering News-Record.

- Part of a small team of engineers building a sustainable infrastructure practice within AECOM
- Acted as one of the lead Geographic Information Systems (GIS) data analysts on a planning effort to determine the best city-wide locations for low impact development projects for the San Francisco Public Utilities Commission (SFPUC)
- Developed maps, graphs, infographics, and content to help communicate findings to the SFPUC and public
- Received a Making a Difference award for teaching myself the US EPA Stormwater Management Model, which helped improve the accuracy of our team's hydrology and hydraulic analyses and added an additional layer of credibility to the practice
- Analyzed alternative water infrastructure approaches and crafted pitches to convey these approaches to multiple international clients

### Project Engineer, BKF Engineers

November 2009 - October 2012

BKF Engineers has been a leading civil engineering and surveying firm in California since 1915.

- Part of an efficient and profitable team of four civil engineers at LTI Engineers acquired by BKF Engineers
- Acted as lead design engineer for elite residential, commercial, and civic projects of varying scale and complexity
- Developed clear, thorough plans and reports to effectively communicate design intent to both clients, municipalities, other consultants, and contractors
- Collaborated with multi-discipline design teams to develop innovative site design alternatives that reduce storm water runoff by encouraging infiltration and re-use, and comply with local governing body, county, and state wide design standards

## TECHNICAL EXPERIENCE

### Front-End

#### JavaScript

AngularJS, jQuery, D3.js, Ajax

#### CSS3

Zurb Foundation, Sass

#### HTML5

ERB, Handlebars

#### Design

Adobe Illustrator, Photoshop

### Back-End

#### Ruby

Rails, Rails API, Rake

#### Database

PostgreSQL

### Workflow

#### Test-Driven Development

RSpec

#### Version Control

Git, GitHub

#### Deployment

Heroku