



I am a civil engineer turned web developer. I left a successful career as an engineer and completed a 12-week programming bootcamp to enter a more innovative industry and 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

An app to help people find a rescue dog to adopt

Ruby on Rails, PostgreSQL, RSpec, Petfinder API

Meetup Culture, 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, Handelbars

Design

Adobe Illustrator, Photoshop

BACK-END

Ruby

Rails, Rails API, Rake

Database

PostgreSQL

WORKFLOW

Test-Driven Development

RSpec

Version Control

Git, GitHub

Deployment

Heroku