

KRISTINE LAI

Junior Full Stack Web Developer



San Francisco, CA | 650.274.7730 | lai.kristine@gmail.com

Portfolio: screamingmunch.github.io/



github.com/screamingmunch



linkedin.com/in/laikristine/

TECHNICAL SKILLS

Languages / Frameworks: Ruby, Rails, Sinatra, RSpec, HTML, CSS, JavaScript, CoffeeScript, JQuery

Databases / Document Management: SQL, PostgreSQL, Git

Other: Underscore.js, Google Map API, Twitter and Facebook Omniauth API, Amazon AWS S3

**limited experience with:* Backbone.js, Node.js, Mocha, Chai

EXPERIENCE

Web Development Immersive

General Assembly | San Francisco, CA | Fall 2013

Completed a 12-week, project-based full-time web development training program aimed to provide its graduating students with a full-stack web development skillset.

Project1: [thirty5studio](#) October, 2013

A solo project built for a camera rental website. Users are able to submit booking requests and browse through available gear. It is built with Ruby on Rails, HTML, CSS, and user login is built with the Devise gem.

Project2: [Defaced](#) November, 2013

Built with a team of four students. This is a geolocation-based mobile-friendly web app built on Rails that allows users to share photos of street art onto a map. We've used GoogleMap API, Omniauth, Carrierwave & Fog gem to upload and store photos to Amazon AWS S3. The backend is built with Ruby on Rails.

Project3: [field_inspector](#) December, 2013 (pre-beta)

A solo project built on Ruby on Rails. The final version of the app will allow users to conduct construction site inspections using their mobile device. The app will provide checklists and input fields for photo documentation (stored on Amazon AWS S3). It also automatically scrapes NOAA's website using Nokogiri for latest forecast based on the device's GPS coordinates.

Project Engineer

BKF Engineers | Redwood City, CA | November 2005 - May 2013

Worked as a licensed Professional Civil Engineer in the land development consulting field. I have many years of experience in project coordination, supervising interns, and delivering projects under tight deadlines to meet the client's needs. Performed engineering duties such as hydrologic studies, hydraulic designs, pump station design and construction supervision. Collaborated with reviewing agencies and different consultants to obtain construction permits.

Environmental Engineer

Golder Associates | Irvine, CA | August - November 2005

Conducted Phase I & II environmental site assessments in field, authored Stormwater Pollution Prevention Plans (SWPPP) and Spill Prevention, Control & Countermeasure (SPCC) plans for clients.

EDUCATION

General Assembly - Web Development Immersive Program

San Jose State University - MS, Civil Engineering with specialization in Water Resources Engineering (4.0 GPA)

University of California, Irvine - BS, Civil Engineering Major with Digital Arts Minor