

HANNAH SQUIER

SOFTWARE ENGINEER

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🌐 hannahsquier.com

Skills

SOFTWARE ENGINEERING

Rails
Ruby
JavaScript
Agile Development
HTML/CSS
Python
SQL
Pandas
TDD
MATLAB
Angular.js
Heroku
Solr
RSpec
AWS
GIS
ArcGis
LASTools
Pix4DMapper
Global Mapper

CIVIL ENGINEERING

Licensed EIT
Hydrology
Fluid Mechanics
Transportation Engineering
Project Management

Education

University of California Berkeley
BS Civil and Environmental Engineering 2015

Viking Code School
Selective, intensive, fullstack software engineering bootcamp

Employment

codementor.io

Freelance Technical Writer Jul 2016 to Current

- Regularly writes tutorials on Rails, Ruby, and all things software engineering

Airphrame

San Francisco, CA

GIS Analyst Jan 2015 to Jun 2016

- Processed over 5,000 sqkm of geospatial data captured from UAVs for clients in transportation, energy, water, solar, construction, and other fields
- Technical point of contact for 30+ clients with contracts worth over half a million dollars
- Implemented processing method to speed up average data delivery by 2x from 1.5 days to 18 hours
- Worked closely with software product team to automate and improve geospatial analysis

Carollo Engineers

Walnut Creek, CA

Engineering Intern May 2014 to Aug 2014

- Designed 20 mile pipe alignment for recycled water expansion project
- Compiled bids and cost estimates for multi-million dollar projects
- Reviewed engineering drawings for submittal to clients

Los Angeles County Metropolitan Transportation Agency

Los Angeles, CA

Planning Analyst Intern May 2013 to Aug 2013

- Wrote technical environmental documents for LAX Metro Connector project
- Created 15 year Gantt chart and budget on Microsoft Project for line designation transition project

Projects

HBook Jul 2016 to Sep 2016

This Facebook clone is a full featured Rails app that is integrated with Amazon S3 and SendGrid. Post, comment, like, and upload to your hearts content. The entire authentication system was built from scratch. Who doesn't need another social media app?

Make It Count! Aug 2016

A multi-platform tool to help inspire people to go to the polls in this historic 2016 election. By integrating a big and beautiful web app with a Messenger chat bot that, users gain valuable insights into how much their vote counts.

App.ly Sep 2016

App.ly is a thorough resource for students applying to college. Students can easily search through hundreds of colleges, view valuable statistics, keep track of their admissions process, and compare multiple schools side-by-side. App.ly is integrated with the College Scorecard API.

F.O.M.A.A Sep 2016

F.O.M.A.A (Fear of Missing Out on Art and Alcohol) is a beautiful Rails app, designed to help expats explore San Francisco. The site integrates with Google Maps API, Yelp API, and the SF Civic Art Collection API, to suggest the hippest bar crawls around the city. Participants are guided from bar to bar and are shown the best public art SF has to offer. This project won first place for technical performance at the SF Women's Hackathon!