Hannah Squier

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Experience

Codementor.io, Freelance Technical Writer—July 2016 - Present
- Regularly writes tutorials on Rails, Ruby, and all things software engineering

Airphrame, GIS Analyst, San Francisco, CA – Jan 2015 - June 2016
- Processed over 5,000 km^2 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, Engineering Intern, Walnut Creek, CA – May-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 Transition Agency, Planning Analyst Intern – May-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

Education

University of California, Berkeley – May 2015
- B.S. Civil and Environmental Engineering (GPA: 3.62)

Viking Code School — July 2016 - Oct 2016
- Selective, intensive, fullstack software engineering bootcamp

California Engineer-in-Training (EIT) Certified (License No: 155283)

Projects

HBook — A Facebook Clone
- Social network built on Rails that includes posting, friending, uploading pictures, liking, etc.
- Implemented custom, full featured authentication system

Create Your Own Survey
- Rails app that allows you to create, take, and analyze your own surveys
- Designed complex relational database

Skills

Ruby/Rails	Python	Javascript	GIS
TDD	MATLAB	HTML/CSS	SQL/Pandas