

Hannah Squier

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Berkeley, CA

Education

University of California, Berkeley

Aug 2011-May 2015

- B.S in Civil and Environmental Engineering
- Current GPA: 3.62
- Expected graduation date: May 2015

National University of Singapore (Exchange Program)

Jan-May 2014

Online Course Work (Udacity)

- Intro to Computer Science, Object Oriented Programming, Web Development

Passed Fundamentals of Engineering (FE) Exam

Experience

Airphrame, GIS Analyst Intern, San Francisco, CA

Jan 2015-Present

- Analyzes geospatial aerial data captured from UAVs for clients in fields of transportation, energy, water, environment, construction, and more
- Processes 3D point clouds, elevation models, and orthomosaic maps
- Calculates volume and landscape changes

Carollo Engineers, Engineering Intern, Walnut Creek, CA

May-Aug 2014

- Designed pipe alignment for the Pajaro Valley recycled water expansion project
- Compiled project bids and cost estimates for priority projects
- Reviewed engineering drawings for submittal

Los Angeles County Metropolitan Transit Agency, Planning Analyst Intern, LA, CA

May-Aug 2013

- Wrote technical environmental documents for LAX Metro Connector project
- Created Gantt chart schedule, resource, and cost estimation on Microsoft Project for line designation transition project
- Surveyed, photographed, and mapped rail stations to identify ways to ease intermodal transfers

Santa Monica Fire Department, Fire and Life Safety Intern, Santa Monica CA

May-Aug 2012

- Consulted on safety aspects related to LA Metro light rail extension
- Supported operations for the construction of Santa Monica city yards and seismic retrofit of fire station
- Presented on articles, environmental impact reports, and fire codes
- Surveyed and photographed work sites

Skills

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| • Microsoft Project | • HTML/CSS | • Python |
| • Maptek I-site | • MATLAB | • GlobalMapper (GIS) |
| • InDesign | • LIDAR Scanning | • Microsoft Excel |

Activities and Honors

- Officer of Chi Epsilon, National Civil Engineering Honor Society
- Member of Cal Women's Ultimate Frisbee Team
- Contributing Author, Berkeley Urban Planning Journal