Jenna Takahashi

ENGINEERING GEOLOGIST

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Summary

Engineering Geologist with 6 years in geotechnical consulting across Southern California, mapping landslides and faults and logging borings and trenches for hillside homes, schools and public works. Writes geologic hazard reports that pass city and state review, and builds ArcGIS and AutoCAD figures for project engineers.

Skills

- Geologic Mapping
- Geologic Cross Sections
- Slope Stability
- Seismic Hazard
- Grading
- GIS
- ArcGIS
- AutoCAD
- Communication Skills

Experience

Engineering Geologist 04/2022 - Present

Pacific Slope Geotechnical Los Angeles, CA

Geotechnical engineering firm with 90 staff.

- Complete geologic mapping of landslides, bedding and faults on **45** hillside sites a year for grading and foundation design.
- Document 300 feet of fault trenches and 2,500 feet of borings a year for seismic hazard studies.
- Write geologic hazard reports for 20 school and hospital projects reviewed by the California Geological Survey.
- Build GIS maps in ArcGIS and geologic cross sections in AutoCAD for 8 project engineers.

Staff Geologist 06/2020 - 03/2022

Cucamonga Geotechnical Services Rancho Cucamonga, CA

Geotechnical consultancy serving Inland Empire developers.

- Logged **400** hollow-stem and bucket-auger borings for residential and commercial projects.
- Inspected grading on 30 tracts and documented 200 cut-slope exposures.
- Drafted 25 slope stability sections for engineers to analyze.
- Collected 600 soil samples for lab strength and expansion testing.

Geotechnical Intern 06/2019 - 08/2019

Harbor Geotechnical Group Long Beach, CA

Summer internship with a port and pipeline geotechnical firm.

- Logged **40** borings for port and pipeline projects.
- Mapped 15 sea cliff exposures with a hand level and Brunton compass.
- Entered 300 lab test results into project tables.

Education

Bachelor of Science 05/2020

California State University, Long Beach Long Beach, CA

Geology

Certificates

Professional Geologist (PG)

California Board for Professional Engineers, Land Surveyors, and Geologists

06/2024