

Michael Goldstein

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Objective A full-time position as Assistant Scientist at Waterstone Environmental

Education

California Polytechnic State University, San Luis Obispo (Cal Poly)

Bachelor of Science in Environmental Earth and Soil Sciences, June 2025

GPA: 3.46

Concentration: Geology

Study Abroad: University of Queensland, Brisbane, Australia – Spring 2024

Program focused on coursework and fieldwork specific to Australian geology

Relevant Coursework and Skills

Coursework

Soil Morphology	Geomorphology	Aerial Photogrammetry	Botany
Land Use Planning	California Geology	Remote Sensing	Plant Taxonomy
Climatology	Rocks and Minerals	Forest/Range Soils	Global Info. Systems
Global Geography	Soil & Water Conservation		

Computer Skills

Microsoft Office (Word, Excel, PowerPoint), ArcGIS, SAS, Minitab

Related Projects

Senior Capstone Project – Cal Poly

Oct 2024-Present

- Performing a soil resource assessment of soils within the York Mountain Wine and Viticulture Area
- Analyzed, evaluated and documented vineyard soils of York Mountain
- Discovered a fundamental soil difference between two geographic regions, allowing the American Viticulture Area to utilize this data for economic benefit

Compilation of Field Guidebook – University of Queensland, Australia

Apr-Jun 2024

- Researched a natural area based on geologic and soil related features
- Assembled weekly guides for an introductory soil science class with 35 students
- Conducted a total of five field trips, including pre-trip presentations
- Published guides and distributed them to faculty for use in future programs

ArcGIS Project – Cal Poly

Sep-Dec 2023

- Proposed a reserve for the endangered Desert Slender Salamander, based on research
- Prepared a model to determine the most suitable Desert Slender Salamander habitat and created a map in ArcGIS to display the model's outcome

Work Experience

Soil Scientist, Lucas Rochas, Landowner, Bebedero, Costa Rica

Summer 2024

- Generated a soil map and a level 1 soil survey for a 150-acre private property
- Researched available geologic and soils data for the area
- Conducted fieldwork in Costa Rica for ten days by describing and testing soils

Intern, Cal Poly Organic Farm, San Luis Obispo, CA

Feb – Jun 2023

- Worked with an 11-acre CCOF certified organic farm
- Performed tractor work, vegetable planting, irrigating, harvesting, inspecting, and washing
- Helped coordinate 300 participant subscriptions to the Community Supported Agriculture Program

Involvement

- National Society of Consulting Soil Scientists: attended annual meeting
- ASA-CSSA-SSSA: attended international annual meeting
- National Society of Collegiate Scholars