

# ALEXANDRIA REED

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## EDUCATION

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**Master of Environmental Data Science** (Expected June 2023)

**Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)**

Leadership/Involvement: Class Chair, Dean's Advisory Council

**Bachelor of Science in Environmental Studies** (June 2017)

**UCSB** | Santa Barbara, CA

**Associates of Arts in Liberal Arts & Sciences: Mathematics and Science** (May 2015)

**College of the Canyons** | Santa Clarita, CA

## SKILLS

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**Languages:** R, Python

**Environments:** RStudio, Visual Studio Code

**Technical:** Data Visualization, Geospatial Analysis and Remote Sensing, Modeling

**Certifications:** OSHA 40-Hour HAZWOPER, OSHA 10-Hour Construction Outreach

## EXPERIENCE

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**Environmental Specialist, Citadel EHS** | Glendale, CA (01/18–Current)

- Manage wastewater surveillance projects for the presence of SARS-COV-2. Successfully identify the presence of COVID in wastewater and implement measures to reduce the risk of outbreaks.
- Prepare Phase I Environmental Site Assessments and conduct Phase II Site Investigations, consisting of soil, soil vapor, groundwater, and indoor air sample collection.
- Manage radon surveying projects for various multi-family residential Clients.
- Conduct hazardous material inventories, environmental audits, and inspections of facilities.

**Environmental Educator, Cheadle Center for Biodiversity and Ecological Restoration (CCBER) |**

Santa Barbara, CA (04/17–06/17)

- Led fieldtrips, workshops, and created unique lesson plans to increase knowledge about environmental sciences for fifth graders.

**Trip Leader/Campus Representative, Global Student Embassy** | Santa Barbara, CA (09/16–05/17)

- Coordinated and led a group of peers to be a part of international reforestation and sustainable agriculture projects. Organized fundraising events, raising over \$15,000, to assist locals in Ecuador and Nicaragua.

**Environmental Educator, CCBER** | Santa Barbara, CA (03/16–06/16)

- Monitored vegetation and wildlife, managed invasive species, collected vegetation samples for research, and worked on projects independently as well as with a team.
- Managed and led the restoration of a portion of a UCSB-owned wetland.

## PROJECT

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**Dust Emissions Monitoring** (01/20–08-22)

**Environmental Compliance Consulting** | Role: Project Manager | Client: KPRS Construction Services Inc.

- Managed dust monitoring of lead-impacted soil during the redevelopment of a former cement plant.
- Compiled, wrangled, analyzed, and prepared reports of wind and dust data weekly to be submitted to the South Coast Air Quality Management District (SCAQMD) and the Department of Toxic Substances Control (DTSC).
- Successfully mitigated compliance issues and minimized particulate emissions to ensure community health.
- Installed and maintained field monitoring equipment for a large-scale redevelopment.