

Silici Clastic

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OBJECTIVE

To utilize general geology skills in an entry level stratigraphy geologist role.

EDUCATION

Bachelor of Science, Geology, University of California, Riverside (3.64 GPA) June 2022

Relevant Courses: Geologic Maps and Landforms, Field Mineralogy, Numerical Skills in Geoscience.

Senior Thesis: Determining paleowind velocity and paleocurrents of pluvial Lake Manly, Death Valley.

SKILLS

General: Mineral and rock identification (hand sample and microscope), geologic interpretation, cross-section analysis, data analysis, data visualization, technical report writing, technical presentations.

Field: Geologic mapping, stratigraphic analysis, geomorphic identification, field sample collection.

Computational/Software: ArcGIS, Matlab, UNIX command line scripting, Adobe Illustrator, Excel.

EXPERIENCE

University of California, Riverside

July 2020 – Present

Undergraduate Thesis Research

- Analyzing data to draw conclusions about the geologic setting of a prehistoric Death Valley lake.
- Collaborating with faculty and graduate students on a manuscript draft for publication.
- Collected field samples to measure clast size for estimates of paleowind velocity.
- Conducted literature review to develop a full background of previous research.

VOLUNTEER EXPERIENCE

University of California, Riverside

April 2019 – January 2020

Geoscience Education and Outreach Program Volunteer

- Collaborated with graduate students to rephrase concepts for non-technical audiences.
- Communicated geology concepts at local elementary schools to encourage interest in STEM.
- Assisted faculty and graduate students with geoscience presentations geared towards non-scientists at the Downtown Riverside Long Night of Arts & Innovation event.

PROFESSIONAL SOCIETIES

Inland Geological Society, Riverside, CA

September 2020 – Present

Student Member

- Attending meetings to learn new techniques and updates related to both industry and research.
- Presenting undergraduate thesis research during research poster presentation nights to share new insights on the geomorphology and paleoclimate environment of pluvial Lake Manly.

EXTERNAL SHORT COURSES/FIELD TRIPS

Seismic Stratigraphy, Virtual Presentation by Morgan Sullivan, Chevron Corporation

March 2020

Carbonate Platform, Fall Field Trip, Pacific Section Society for Sedimentary Geology

October 2019