

CURRICULUM VITAE – ALEXANDER S. NOORZAD

Staff Geologist

Current Address

COTTON, SHIRES AND ASSOCIATES, INC.

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Education

BS, Earth Science – Geology Emphasis, University of California Santa Barbara, 2023

Professional history

Staff Geologist, Cotton, Shires and Associates, Inc. September 2023 to present

Lab Assistant, University of Santa Barbara California, September 2022 to June 2023

Undergraduate Researcher, University of California Santa Barbara, September 2022 to June 2023

Representative Experience

As a Staff Geologist at Cotton, Shires and Associates, Mr. Noorzad has assisted with a variety of projects that include topographic surveying, construction observation, geologic and drainage mapping, geotechnical peer review, and small diameter exploratory boring.

As a Lab assistant at University of Santa Barbara California, Mr. Noorzad assisted in sample processing and preparation for Uranium-Lead zircon geochronology, and supervision of the mass spectrometer during sample analysis.

As an undergraduate researcher at University of Santa Barbara California, Mr. Noorzad conducted independent research focused on the structural and deformational history of Miocene deposits located in the eastern Mojave National Preserve. He used a combination of Uranium-Lead zircon geochronology, structural and stratigraphic analysis, and geologic mapping to further our understanding of the area's record of early Miocene crustal extension.