

LEILA HIGHLANDER

Riverside, CA | (951) 827-3631 | netID@ucr.edu | LinkedIn URL

PROFESSIONAL SUMMARY

Skilled geodesist with 2 years of geoscience experience and 5+ years of project leadership seeking role at a geothermal organization or national laboratory. Extensive experience includes acquiring, processing, interpreting, and modeling complex geologic and geospatial data. Excellent presenter and communicator with strong background in translating scientific information to a wide range of audience.

EDUCATION

University of California, Riverside (UCR) June 2025
Master of Science, Geological Sciences (Geodesy)

California State University, Fullerton May 2020
Bachelor of Science, Business Administration (Marketing Management)

TECHNICAL SKILLS

Windows, MAC OS, Microsoft Office, Unix/Linux, Shell Scripting, ArcGIS, MATLAB, C/C++, Fortran, ROI PAC, GMSTAR, InSAR ECI, Landmark, Petrel

GEODESY EXPERIENCE

Graduate Research Assistant, UCR September 2023-Present

- Utilized geodetic techniques to measure surface deformation from earthquakes
- Processed satellite radar imagery to calculate earthquake inverse source/fault models
- Developed ability to use remote sensing techniques to interpret natural hazards
- Communicated complex technical results through presentations and reports

Geodesy Research Intern, XXX XXXX Laboratory, Pasadena, CA June 2024-August 2024

- Analyzed GPS and InSAR data for crustal deformation modeling
- Developed Python scripts to automate InSAR processing workflows in GMTSAR and StaMPS
- Documented procedures for streamlined analysis of large InSAR datasets

MANAGERIAL EXPERIENCE

Remarketing Account Manager, XXXX Rental Car, Denver, CO October 2020- July 2023

- Recognized as top performing account manager in South Colorado region
- Oversaw the wholesale of vehicles to meet profit margins and managed a team of 5 sales associates

OUTREACH EXPERIENCE

STEM Program Mentor, South High School, Bakersfield, CA 2020-2022

Science Fair Judge, Kern County Annual Science Fair, Bakersfield, CA 2020, 2022

AWARDS

Outstanding Student Presentation Award, Seismological Society of America, 2024

2nd Place Presentation Award, AAPG-SEG Student Expo, 2023

Marketing Management Student of the Year, Cal State Fullerton, 2019