

Arlaine Sanchez

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Education	Rithm School – Full-Stack Engineering Program <i>Nov 2022 - present</i>
	Stony Brook University – Stony Brook, NY <i>Aug 2022</i> Master's in Marine & Atmospheric Sciences – Thesis: "Evaluating the geochemistry and habitability of Eridania basin, Mars: An Icelandic vent analogue"
	University of Nevada, Las Vegas – Las Vegas, NV <i>May 2019</i> Bachelor of Science in Geoscience - <i>summa cum laude</i>
Experience	Graduate Research Assistant <i>Aug 2020 – Aug 2022</i> Price Research Group, Stony Brook University <ul style="list-style-type: none">Organized and led field/sampling expeditions, and designed methodologies for Mars astrobiology researchDisseminated research to the public via conference presentations (AbSciCon & Lunar and Planetary Science Conference) and published articles
	Planetary Geochemist Intern <i>Aug 2019 – Dec 2019</i> Astromaterials Research and Exploration Science Division, Johnson Space Center <ul style="list-style-type: none">Assisted in data collection and analyses for two research projects on Mars aqueous geochemistry and petrology
	Lab/Research Assistant <i>Oct 2017 – Jun 2019</i> Hausrath Research Group, University of Nevada, Las Vegas <ul style="list-style-type: none">Designed geochemical experiments investigating Mars surface processes, utilizing powder X-ray diffraction, spectrometry, and complex kinematic equations to analyze 140+ samplesAssisted multiple graduate students and professors in individual research and data collection
Skills	Communication <ul style="list-style-type: none">Experience in reporting and presenting research data to public/professional audiences via journals and scientific conferencesExperience in writing technical proposals for research funding
	Technical <ul style="list-style-type: none">Proficient in Microsoft Word, Excel, and Adobe IllustratorExperience in operating complex analytical instruments, digital image processing, and geographic spatial analyses
Programming Languages	JavaScript · Python