

Arlaine Sanchez

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Education	Rithm School – Full-Stack Engineering Program	<i>Nov 2022 - present</i>
	Stony Brook University – Stony Brook, NY Master's in Marine & Atmos. Sciences	<i>Aug 2022</i>
	University of Nevada, Las Vegas – Las Vegas, NV Bachelor of Science in Geoscience - <i>summa cum laude</i>	<i>May 2019</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>
	Intern, Johnson Space Center <ul style="list-style-type: none">Assisted in data collection and analyses for two major 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 published articles 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	