

NADIM HASHMEH

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<https://nhashmeh.com>

EDUCATION

Tulane University PhD, Geology - <i>In Progress</i>	2019 - Present
University of California, Santa Cruz Bachelor of Science, Earth Sciences (Planetary Science focus) <i>Cum laude university honors and departmental highest honors</i>	2015 - 2017
Los Angeles Pierce College Associate of Arts, Geology	2012 - 2015

PROFESSIONAL EXPERIENCE

Tulane University <i>Graduate Research Assistant</i>	December 2019 - Present <i>New Orleans, LA</i>
· Ongoing research project examining the South Polar Layer Deposits on Mars.	
Tulane University <i>Graduate Teaching Assistant</i>	August 2019 - December 2019 <i>New Orleans, LA</i>
· Lab instructor for Earth as a Living Planet course in Earth and Environmental Sciences department.	
SETI Institute/NASA Ames Research Center <i>Data Analyst</i>	August 2018 - July 2019 <i>Mountain View, CA</i>
· Analyzing Cassini data to constrain composition, origin, and age of Saturn's rings.	
University of California, Santa Cruz <i>Earth and Planetary Sciences Junior Specialist</i>	January 2018 - August 2018 <i>Santa Cruz, CA</i>
· Data processing and analysis of meteorite alteration history.	
AJ Tutoring <i>High School Math Tutor</i>	September 2017 - December 2017 <i>Mountain View, CA</i>
· Pre-Calculus and Algebra tutor for Bay Area high school students.	
NASA Ames Research Center <i>Center for Applied Atmospheric Research and Education Intern</i>	June 2017 - August 2017 <i>Mountain View, CA</i>
· Studying aerosol transport from mid-latitudes to the Arctic.	
University of California, Santa Cruz <i>Undergraduate Student</i>	2016 - 2017 <i>Santa Cruz, CA</i>
· Senior thesis project mapping and modeling the characteristics of sublimation features on Pluto's Sputnik Planitia.	

AWARDS AND SCHOLARSHIPS

Hierarchical Research Systems Foundation Undergraduate Research Award (2017)
Dean's List, Winter and Fall quarters (2016)

SKILLS

Programming: MATLAB, Python, IDL, UNIX, LaTeX
Software: ArcGIS, ENVI

FIRST AUTHOR ABSTRACTS/PRESENTATIONS/POSTERS

Abu Hashmeh, N., Whitten J. L., Russell A. T., Putzig N. E., Campbell B. A. (2021) SHARAD Radar Attenuation in the South Polar Layered Deposits. Lunar and Planetary Science Conference, Abstract 2522. Poster.

Abu Hashmeh, N., Whitten J. L., Putzig N. E., Russell A. T. (2020) A radar-derived 3-D basal map of the south polar layered deposits on Mars. American Geophysical Union Fall Meeting, Abstract #P016-0001. Poster.

Abu Hashmeh, N., Whitten J. L., Campbell B. A. (2020) Areal Extent of Subsurface Basal Reflectors Within the South Polar Layered Deposits. Seventh International Conference on Mars Polar Science and Exploration, Abstract 6047. Presentation.

Abu-Hashmeh, N., Conrad J. W., Nimmo F., Moore J. M., Stern S. A., Olkin C. B., Weaver H. A., Ennico K., and the New Horizons Geology, Geophysics, and Imaging Theme Team (2017). Morphology and evolution of sublimation pits on Pluto. American Geophysical Union Fall Meeting, Abstract 248476. Poster.

Abu-Hashmeh N., Tian Q. (2017). Arctic Haze Contributions from Mid-Latitude Aerosol Transport Pathways. NASA Ames Summer Technical Poster Symposium (1) and NASA Ames Code S Division Poster Session (2). Poster.