NADIM HASHMEH

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EDUCATION

Tulane University 2019 - Present
Master of Science, Earth and Environmental Sciences - *In Progress*

University of California, Santa Cruz 2015 - 2017
Bachelor of Science, Earth Sciences (Planetary Science focus)
Cum laude university honors and departmental highest honors

Los Angeles Pierce College 2012 - 2015
Associate of Arts, Geology

PROFESSIONAL EXPERIENCE

Tulane University December 2019 - Present
Graduate Research Assistant *New Orleans, LA*

· Ongoing research project examining the South Polar Layer Deposits on Mars.

Tulane University August 2019 - December 2019
Graduate Teaching Assistant *New Orleans, LA*

· Lab instructor for Earth as a Living Planet course in Earth and Environmental Sciences department.

SETI Institute/NASA Ames Research Center August 2018 - July 2019
Data Analyst *Mountain View, CA*

· Analyzing Cassini data to constrain composition, origin, and age of Saturn's rings.

University of California, Santa Cruz January 2018 - August 2018
Earth and Planetary Sciences Junior Specialist *Santa Cruz, CA*

· Data processing and analysis of meteorite alteration history.

AJ Tutoring September 2017 - December 2017
High School Math Tutor *Mountain View, CA*

· Pre-Calculus and Algebra tutor for Bay Area high school students.

NASA Ames Research Center June 2017 - August 2017
Center for Applied Atmospheric Research and Education Intern *Mountain View, CA*

· Studying aerosol transport from mid-latitudes to the Arctic.

University of California, Santa Cruz 2016 - 2017
Undergraduate Student *Santa Cruz, CA*

· Senior thesis project mapping and modeling the characteristics of sublimation features on Pluto's Sputnik Planitia.

AWARDS AND SCHOLARSHIPS

George W. Schneider Scholarship (2021)
Hierarchical Research Systems Foundation Undergraduate Research Award (2017)
Dean's List, Winter and Fall quarters (2016)

SKILLS

Programming: Python, MATLAB, 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.