

DANTE JONES

Westminster, CO 80021

djones11@stetson.edu

dante.jones@colorado.edu

717-617-9585 (Cell)

RESEARCH INTERESTS

Astrophysics, Cosmology, Instrumentation, Extrasolar Planets, Space Exploration, Astrobiology

EDUCATION

B.S. Physics, Minor in Mathematics, May 2021 - STETSON UNIVERSITY, Deland, FL

High School Diploma, June 2017 - PENN MANOR, Millersville, PA

Dual enrollment, January 2016 thru August 2017 – MILLERSVILLE UNIVERSITY, Millersville, PA

Summer Course, July 2016 – BROWN UNIVERSITY, Providence, RI

PROFESSIONAL EXPERIENCE

Professional Research Assistant, Department of Physics, **University of Colorado Boulder**,
September 2023 - Present

Simons Observatory Project Coordinator, Quantum Electromagnetics Division, **NIST**, August
2022 - August 2023

Pre-Doctoral Research Assistant, Dilution Refrigerator Operator, Physics Department, **Princeton
University**, August 2021 - August 2022

Sample Handler, Content Analysis and Data Entry, Environmental Department, **Eurofins
Lancaster Labs**, June 2017 - August 2017

Leadership Intern, **IU13 Lancaster-Lebanon STEM Camp**, June 2016

RESEARCH / FIELD WORK EXPERIENCE

- Qualification of Microwave SQUID Multiplexer Chips for Simons Observatory, University of Colorado Boulder Physics Department, National Institute of Standards and Technology, Nov. 2023
 - Paper submitted to Journal of Low Temperature Physics, publication pending
- Solar Sibling Survey, Data-Intensive Astrophysics REU, University of Florida, Gainesville, FL, June 2021 – August 2021
- Testing the Einstein Equivalence Principle with the Atacama Cosmology Telescope (Joint collaboration between National Society of Black Physicists and Simons Observatory), project supplanted Senior Research, Stetson University, Deland, FL June 2020 – March 2021
- The Lane-Emden Equation: Analytical Study of Various Non-Linearities, Independent Study, Stetson University, Deland, FL May 2019 – February 2020
National Conference of Undergraduate Research, Bozeman, MT (Conference Cancelled)

HONORS / AWARDS

Stetson Showcase Oral Presentation Runner-Up, 2021

Dean's List, 2020-2021

Stetson University Honors Student (Honors Oral Exam passed with distinction), 2017 - 2020

Presidential Scholarship Recipient, 2017 – 2020

MEMBERSHIPS / AFFILIATIONS

Society of Physics Students, president

Simons Observatory, member

National Society of Black Physicists, member

Planetary Society, member

Union of Concerned Scientists, member