

ALONDRA ÁLVAREZ CASTRO

CURRICULUM VITAE

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CURRENT UNDERGRADUATE STUDENT IN UPR, RÍO PIEDRAS CAMPUS.

MEMBER OF THE "CÍRCULO DE ASTROFÍSICA"

ENJOY PAINTING AND CRAFTING ON MY SPARE TIME

EDUCATION

Bachelor of Science (B.S) in Physics Candidate (4th year)

GPA 3.77

University of Puerto Rico, Río Piedras campus, PR

Expected graduation Jun 2026

Relevant Coursework

- Physics 1
- Chemistry 1-2
- Computer Science until Data Structures
- Mathematics until Calculus 3

EXPERIENCE

Research Assistant

NASA EPSCoR, Río Piedras campus

August 2022 - Present

- Worked with a mentor and a partner on a research project to analyze raw data from the SPITZER Telescope, constructing manageable material to search for galaxies in the Zone of Avoidance.

Physics and Astronomy REU, University of Utah

Summer-Fall 2023

- Worked with a mentor and Grad Student on a research project using spectral data from APOGEE to analyze the chemodynamics of dwarf galaxies of the Andromeda galaxy.

Conference

AAS 2024-New Orleans

January 2024

- Presented poster about summer research. Attended seminars and presentation in the field of astronomy that enriched by knowledge and seek for opportunities.

SKILLS

- Database Searches
- Research and Analysis
- Proficient in Python and C++
- Educational Outreach
- Problem solving

LANGUAGES

- **Spanish** - Native
 - **English** – Bilingual
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