

M. Riley Owens

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 mrileyowens.github.io

ABOUT ME

I am a first-year graduate student in the Department of Astronomy at the University of California, Berkeley, where I work with Prof. Dan Stark. My research interests focus on understanding the evolution and physics of galaxies in the early universe, from the end of reionization to the first galaxies.

EDUCATION

Doctor of Philosophy in Astrophysics University of California, Berkeley	2025 -
Advised by Prof. Daniel Stark GPA: NA	
Bachelor of Science in Astrophysics and Physics , Minor in Mathematics University of Cincinnati	2018 - 2022
Advised by Prof. Matthew Bayliss GPA: 3.73	

POSITIONS

Graduate researcher University of California, Berkeley	2025 -
Postbaccalaureate researcher West Virginia University	2022
Postbaccalaureate researcher University of Cincinnati	2022 - 2025
NSF REU student West Virginia University	2021
Undergraduate researcher University of Cincinnati	2019 - 2022

TEACHING

Graduate student instructor , Introduction to General Astronomy University of California, Berkeley	Fall 2025
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PUBLICATIONS

For a complete record of my publications and associated statistics, please visit [my ORCID record](#) on NASA ADS.

OBSERVATIONS

455.24411pt

Principal investigator

1. **Mapping the circumgalactic medium of a massive galaxy at z=2.3 with a background lensed galaxy** 4 hour
2. Mapping the circumgalactic medium of a massive galaxy at z=2.3 with a background lensed galaxy 4 hour

Co-investigator**PRESENTATIONS**

- ✓ Talk title, Conference name, City, Country (30 May 20XY)
- ✓ Talk title, Conference name, City, Country (02 November 20XZ)
- ✓ Presentation Topic in the course of XYZ, University of ABC, City, Country (03 November 20XY)
- ✓ Euler method and modified Euler method in the course of Numerical Analysis, University of XYZ, City, Country (10 April 20XA)

CERTIFICATIONS & AWARDS

- ✓ XYZ Scholarships
- ✓ Received ABC Scholarship Award for the academic session 20XX-20XX
- ✓ Certificate of Accomplishment, Awarding Body (28 Oct 20XZ)
- ✓ Certificate of Merit in Masters (2019)
- ✓ Certificate of Merit in Bachelors (2017)

REFERENCES

References available upon request.