

EC

Elijah Carter

Astrophysicist exploring cosmic phenomena and space research innovations
Astrophysicist with six years of experience conducting theoretical modeling, data analysis of astronomical phenomena, and publishing peer-reviewed research. Proficient in telescope observation planning, Python data analysis, and cosmology.

CONTACT

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 Pasadena, CA

KEY SKILLS

- Astrophysical data analysis
- Computational simulations
- Cosmology research
- Python and MATLAB programming
- Telescope operations

PROFESSIONAL EXPERIENCE

ASTROPHYSICIST | CALTECH ASTRONOMY DIVISION, PASADENA, CA
JANUARY 2020 – PRESENT

- Design computational models simulating galaxy formation processes
- Published research cited in over 30 scholarly articles worldwide

RESEARCH ASSISTANT | NASA JET PROPULSION LABORATORY, PASADENA, CA
JUNE 2017 – DECEMBER 2019

- Analyzed exoplanet atmospheric data from the Hubble Space Telescope
- Collaborated with international teams to develop new imaging algorithms

EDUCATION

Bachelor of Science (B.S.) in Astrophysics
California Institute of Technology, Pasadena, CA | May 2017