Kennedy Jeter
Bronx, NY & Woodbridge, VA • 571-235-3702 • kjeter3@fordham.edu • https://github.com/kjeter| •Linkedin
linkedin.com/in/kennedy-jeter-ab4256263

PROFILE

Highly creative, hardworking, and passionate physics major with research, programming, and data reduction skills. I have a published abstract and experience with presenting research findings. A reliable, enthusiastic team member with excellent time management, problem-solving, and communication skills.

EDUCATION

CUNY graduate center New York, NY Expected May 2026
MS in Astrophysics
Fordham University Bronx, NY May 2024
BS in Physics
GPA: 3.618 | **HONORS:** Club of Wash. D.C. Scholarship 2020-present, Dean's List (2020, 2022, 2023), Walden Scholarship (2023-2024), James P. Coughlin Scholarship (2023-2024), Con Edison Fordham Scholarship (2023-2024), Victor F. Hess Ph.D Award in physics & Engineering Physics (2024)

RELEVANT COURSEWORK

Quantum mechanics 1 & 2, Computational physics Computer science 1 & 2 (C++), Multivariable calculus 2, Classical mechanics, Math methods in Physics

TECHNICAL SKILLS

C++, Java, Python, HTML & CSS certificate, Object-Oriented programming, Astroimage J, Linux System, MS 360, Data Collection and Analysis, Research, Telescope observations, theoretical simulations

RELEVANT RESEARCH EXPERIENCE

Rochester institute of technology Research Experience for Undergrads, Rochester, NY May 2023 – July 2023

- Analyzed LIGO data for detecting the Neutron star binary system SCO X-1
- Optimized search using Python
- Attended symposia
- Operated a radio telescope
- Worked on detection algorithms
- Presented research at a research symposium
- Presented at the 2024 American Astronomical Society meeting

Fordham University Research intern, Bronx, NY Aug 2022 - present

- Worked with Physics professor on James Webb telescope data analyzes
- Created a research project: characterizing distant galaxies to find evidence of evolving galaxy theory
- Received introductory Astronomy Lectures
- Received training on the James Webb telescope's hardware and data taken
- Reduced data with Python code
- Presented my findings at Fordham Undergraduate research event

George Mason University *Research Intern*, Fairfax, VA June 2018 – Aug 2020

- Worked with a Physics and Astronomy professor on the NASA TESS mission to discover exoplanets in distant galaxies using the radial velocity and transit start method
- Collected and analyzed data using NASA infrared telescope and on-campus telescope
- Reduced dating using programs and programming languages such as Python and Astroimage J
- Published my abstract in the *George Mason Scientific Journal*
- Research using relevant scientific journals, abstracts, and dissertations

- Presented my findings at George Masson ASSIP and George Washington STEMship events

ADDITIONAL EXPERIENCE

Sentara Northern Virginia Medical Center *Junior Volunteer,* Woodbridge, VA J June 2018 – April 2020
Fordham university Astronomy Club, Bronx, NY *President* Jan 2023-Present
Fordham university Curl Talk, Bronx, NY *Social Media Coordinator* Aug 2022-Present