Student Name

(555)-555-5555 | email@fit.edu | Your LinkedIn URL | Palm Bay, FL 32904

EDUCATION
Florida Institute of Technology -- Melbourne, FL   Dec 20XX
Bachelor of Science in Astronomy and Astrophysics | GPA: 3.4

SKILLS
Mathematics: Calculus, Ordinary and Partial Differential Equations
Technical: Python, C++, MATLAB, Julia, Database Research
Laboratory: Spectroscopy, Spectral Imaging, Observatory Instruments, Data Analysis, Graphing
Other: Collaboration, Critical Thinking, Adaptability, Detail-Oriented

RESEARCH EXPERIENCE
Florida Institute of Technology – Melbourne, FL
Research Assistant – Active Galactic Nuclei (AGN)   March 2023 - Present
- Utilize Python and *RXTE AGN Timing and Spectral Database* to graph light curves and power spectra of supermassive black holes
- Analyze light curve data for indications of quasi-periodic oscillations (QPOs) to determine if closer analysis of dense areas within the light curves is needed
- Collaborate with team members in the writing of abstract and research paper

Research Volunteer – Massive Binary Stars   May 2021 - Dec 2022
- Remotely operated 0.9-m telescope located at Kitt Peak National Observatory base in Arizona
- Performed literature research through the *SIMBAD Astronomical Database* for binary categorization references used to confirm binary stars and binary candidates

ACADEMIC PROJECTS
Florida Institute of Technology – Melbourne, FL
Astrophysics Coding – Star Map of Local Space   Spring 2023
- Used MATLAB to originate a 150-lightyear 3D model of Milky Way Galaxy
- Presented model, showing all known Multiple Star Systems, in front of professor and 25 students

Examining Exoplanets   Fall 2022
- Collected astronomical data using Doppler Spectroscopy and the Transit Timing Method
- Generated correlation diagrams using Julia to detect periodic trends in exoplanet clusters

EXTRA-CURRICULAR ACTIVITIES
Florida Institute of Technology
Treasurer, Women in Aviation   May 2023- Present
- Raised $1,000 by collaborating with local Chipotle restaurant to organize community fundraiser based off nightly proceeds

Zooniverse – Online
Radio Galaxy Zoo: LOFAR   Jan 2021 - Dec 2022
- Volunteered with an online, crowdsourced research project that analyzed emissions produced by supermassive black holes
- Examined wavelength images of radio jet emissions to identify single-emission sources produced in error by LOFAR