

# Logan M. Edwards

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## PROFESSIONAL SUMMARY

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Astronomy and astrophysics undergraduate at the Florida Institute of Technology, pursuing a second major in Planetary Science and a minor in Sustainability. Strong foundation in scientific research, quantitative data analysis, and laboratory instrumentation, paired with technical communication skills developed through a study-abroad program at the University of Oxford. Demonstrated initiative and leadership in a nonprofit setting, advancing from intern to Vice President of Database Management.

## EDUCATION

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### Florida Institute of Technology, Melbourne, FL

Aug 2024 – Present

B.S. in Astronomy & Astrophysics | Second Major: Planetary Science | Minor: Sustainability | GPA: 3.6

Relevant Coursework: Methods & Instrumentation for Astronomy, Introduction to Python, Deep Learning, Nanotechnology Lab, Introduction to Aerospace Engineering, Economics

### University of Oxford (Study Abroad), Oxford, UK

Summer 2025

Coursework: Differential Equations; Scientific & Technical Communication

### Cedar Crest High School, Lebanon, PA

Jun 2024

High School Diploma | GPA: 4.43 | SAT: 1460

Honors: Environmental Science Student of the Year, Honor Student Award, National Honor Society

## EXPERIENCE

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### Sisters Hope Foundation, Lebanon, PA

Vice President of Database Management

May 2025 – Present

- Manage and maintain the organization's patient database, overseeing structural updates and ongoing record management.
- Perform data entry and verification that safeguard the accuracy and integrity of patient records.

Program Support Associate

Jun 2024 – May 2025

- Maintained internal databases and streamlined data workflows, producing reports that supported program planning and evaluation.
- Led the integration and modernization of the patient database, earning promotion to Vice President of Database Management.

Intern

Jun 2021 – Jun 2024

- Supported fundraising efforts, provided technical support, and assisted with patient care.

## SKILLS

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**Programming & Data Analysis:** Python, Statistical Data Analysis, Data Modeling, Data Entry

**Database Management:** Database Administration, Database Design, Customer Relationship Management (CRM), CRM Integration

**Laboratory Instrumentation:** Transmission Electron Microscopy (TEM), Scanning Electron Microscopy (SEM), Atomic Force Microscopy (AFM), Scanning Tunneling Microscopy (STM)

**Scientific Disciplines:** Observational Astronomy, Physics, Mathematics, Environmental Science, Scientific & Technical Communication

**Management & Operations:** Project Management, Program Management, Operations Management, Board Governance