

Liam R. Aycock

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4109 Chalfonte Drive
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EDUCATION

B.S. – Astrophysics & Planetary Geology Columbus State University 2022-Present
Minor in Computer Science

EXPERIENCE

Student Assistant Coca-Cola Space Science Center 2022-Present @ 19hr/week

- Utilize knowledge of astronomy, geology, technology, and other related fields to educate and inform anyone who has interest through tours of artifacts, or utilize the planetarium to give interactive presentations of astronomical processes.
- Proactively assisted administrative efforts on projects that directly improved the quality of patron experience and educational content.
- Led space-science outreach initiatives reaching over 600 students across 40 local schools, significantly increasing engagement with scientific concepts.

RESEARCH EXPERIENCE

Astrophysics Research 2023-Present

- Survey of the Large Magellanic Cloud to confirm existing candidates and find new Supernova Remnants funded under the NASA Space Grant.
- Perform analysis of AGN ejecta.
- Selected to participate in RIA grant studying AGN and plotting orbits of asteroids.
- Utilize the 0.6m research-grade telescope at the Coca-Cola Space Science Center's West-Rock Observatory to observe deep space objects and perform topological and spectrographic analysis.

Geologic Research 2025-Present

- Participate in undergraduate research cataloging metamorphic characteristics of the south-eastern United States.

SKILLS and TECHNIQUES

- Python - Fluent
- Java, C#, and HTML - Proficient
- SAO Image, and ArcGIS - Proficient
- Competed in Overwatch collegiate Esports for Columbus State University