

MOLLY PAEZ

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QUALIFICATIONS

- Experience with data analysis using Python and Excel through research projects, with a working knowledge of Tableau and SQL.
- Communicated and collaborated with 5-7 team members to analyze data and interpret results.
- Managed analysis tasks under deadlines while incorporating peer review and feedback to improve clarity of results.

EDUCATION

Lewis University

Bachelor of Science in Computer Science | GPA: 3.3/4.0

Romeoville, IL

Bachelor of Arts in Mathematics | GPA: 3.3/4.0

Graduation: December 2026

General Italian Studies in Rome

January 2023 – April 2023

RESEARCH AND PRESENTATIONS

Supervised Research Project:

- Modeling of Self-Assembling DNA of the Kayak-Paddle Graphs.
 - Presented at Joint Mathematics Meetings. Seattle, WA (2025 January).
 - Presented at Nebraska Conference for the Undergraduate Women in Mathematics. Lincoln, NE (2025 January).
 - Presented at Lewis University Celebration of Scholarship. Romeoville, IL (2025 March).
- Why so Salty? Salt Intrusion in the Delaware River.
 - Presented at the Research in Ocean Sciences public and private sessions. New Brunswick, NJ (2025 August).

EXPERIENCE

Resident Assistant at Lewis University

- Work with 30+ other RAs to organize events and enforce school policies.
- In charge of 50+ students, provide advice and handle any concerns and conflicts.
- Communicate and collaborate with school resources.
- Create and organize engaging programs to create a pleasant community.

Romeoville, IL

January 2024 - Present

Tutor at Elite Tutoring Place of Plainfield

- Tutor multiple students ranging from kindergarten to college students.
- Help in areas such as Algebra, Geometry, the Four Basic Arithmetic Operations, US History, English Literature, World Literature, Creative Writing, etc.

Plainfield, IL

March 2025 – Present

Research Intern at Rutgers New Brunswick Department of Marine and Coastal Sciences

- Research salt intrusion in the Delaware River to better predict rising salt levels.
- Use Python to analyze data, create graphs, and apply relevant equations to data.
- Collect data, attend professional development workshops, attend events, and network while being a full-time researcher.

New Brunswick, NJ

June 2025 – August 2025

Research Assistant at Lewis University Mathematics Department

- The use of Python to optimize the creation and analysis of graphs.
- Analyze and create specific graphs and create strategies to use in laboratories.
- Manage research with a rigorous academic schedule.

Romeoville, IL

August 2024 – May 2025

LEADERSHIP & ACTIVITIES

President of the Women in Computing (ACM-W) Club

- Create professional development workshops with campus resources.
- Conduct biweekly meetings to discuss events, conferences, and improving equity in computer science.
- Attend computer science conferences such as the Grace Hopper Conference 2025.

Romeoville, IL

March 2024 – Present

Member of the Cybersecurity Club

- Attending weekly meetings to develop and reinforce cybersecurity skills.
- Participating in cybersecurity competitions such as Cyber Force 2024 & 2025.

Romeoville, IL

August 2024 – Present

Vice President of the Virtual Reality Club

- Promoting the club through networking events and campus activities.
- Creating and organizing student-engaging activities.

Romeoville, IL

January 2024 - Present