

# James Henry

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## Education

**The State University of New York at Buffalo**

*Bachelor of Science in Chemical Engineering*

*Overall GPA: 3.24/4.0*

*Expected Graduation: May 2025*

## Skills

- MATLAB - Data Analysis - Troubleshooting – Problem Solving

## Technical Experience

Buffalo Healthcare Exploration: Atlas Program, Roswell Park Cancer Institute

**July - August 2020**

- o Worked in a lab practicing with the da Vinci Surgical System, a robotic system that can provide accurate precisions while performing surgery.
- o Viewed how a robotic surgery is performed by doctors, and the science and engineering behind it.
- o Shadowed a nurse for a day in Roswell Park, alongside also shadowing a researcher. The nurse brought me around the hospital and showed me different machines and devices doctors use to help patients.

EAS 230 LLB Engineering Computations

**Fall Semester 2021**

- o Learned how to use the coding software MATLAB, using it as a calculator to solve complex matrices and creating user-defined functions.

## Leadership and Extra-Curricular Experience

Amsdell Ice Cream

*Server/Manager*

**May 2020 – Present**

*Hamburg, NY*

- o Serve ice cream, work in customer service
- o Clean and help manage during the work shift

University at Buffalo Club Rugby Team

**March 2022 -Present**

*Amherst, NY*

- o Practiced and trained with a team, pushing each other to our best abilities

Bevilacqua Landscaping

*Landscaper*

**May 2022-August 2022**

*Hamburg, NY*

- o Learned how to weed whack, plant and tend for plants/trees
- o Worked collectively as a group to clean and improve scenery at apartment developments

Frontier Central High School Class Secretary

*Student Government*

**September 2019 – June 2020**

*Hamburg, NY*

- o Attended meetings (taking notes and timing the length), planned fundraisers, set up and worked community service projects.

## Awards & Achievements

- Member of UB Honors College
- Member in National Honor Society
- Mentor/Pen Pal for students at Herman Badillo Bilingual Academy
- High Honor Roll Student

**August 2021 – Present**

**September 2019 – May 2021**

**September 2020 – June 2021**

**September 2017 – June 2021**