

EDUCATION	Lehigh University Bethlehem, Pennsylvania Bachelor of Science in Physics with Honors Minor in Earth & Environmental Sciences Fall 2022 - Spring 2025 - Cumulative GPA: 4.00 / 4.00 - Notable Courses: General Relativity, Graduate Quantum Mechanics II, Graduate Advanced Particle Physics, Quantum Field Theory, String Theory
RESEARCH EXPERIENCE	Lehigh University Relativistic Heavy Ion Group Undergraduate Research Assistant Winter 2023-Present - Calibration & Commissioning of the sPHENIX Electromagnetic Calorimeter - Development of a Particle Flow algorithm for the sPHENIX Collaboration - Have conducted work at Brookhaven National Laboratory, led multiple research Journal Club sessions, and presented weekly at Group Meetings Yale University Relativistic Heavy Ion Group Undergraduate Research Fellow Summer 2024 - Performed a novel analysis of the path-length dependence of jet energy loss in the quark-gluon plasma using event-shape engineering in the STAR experiment - Presented findings at the Wright Laboratory Summer Symposium - View here Oral Presentation at the Division of Nuclear Physics Conference Boston, Oct. 2024 Poster Presentation - Lehigh College of Arts & Sciences Oct. 2024
AWARDS AND HONORS	Eckardt Scholar, College of Arts & Sciences Honors Program Fall 2023 - Present Elisha P. Wilbur Scholarship Prize, Highest Semester Average for Sophomore Year Spring 2024 Goldwater Scholarship Lehigh Internal Finalist Fall 2023 Lehigh Honors Convocation, Attaining a 4.00 GPA with Senior Standing May 2024 Dean's List, All Semesters Fall 2022 - Present Arts & Sciences Dean's Scholarship, Academic Excellence Fall 2022 RA of the Month Award, Outstanding Leadership Oct. 2023
SKILLS	CERN ROOT: Particle Physics Data Analysis Framework C++, Linux, Python, Mathematica, LaTeX, PYTHIA, Arduino IDE
LEADERSHIP	National Conference on Student Leadership, Orlando FL Nov. 2023 Attended Nuclear Physics Day in Washington D.C. Apr. 2024 (Head) Residential Assistant Fall (2024) 2023 - Present Student Leadership Advancement Team, Member Spring 2024 University Committee on Discipline, Member Fall 2024 - Present Vice President - Lehigh University Running Club Fall 2023 - Present Vice President - Society of Physics Students Fall 2024 - Present (Vice) President - Disc Golf Club Fall (2023) 2024 - Present