

EDUCATION

Intended B.S. Mechanical Engineering, Expected graduation May 2026

Minor in Nuclear Engineering

College of Engineering, Virginia Tech, Blacksburg, VA

- GPA: 3.71, Dean's List with Distinction (Fall 2022, Spring 2024), Dean's List (Spring 2023)
- SEC Torgerson Leadership Scholarship (2025)

High School Diploma, June 2022

Wade Hampton High School, Greenville, SC

GPA: WEIGHTED: 5.307 / UNWEIGHTED: 4.00

- Junior Marshal, AP Scholar with Distinction (2020, 2021), National Merit Commended Student (2021)

Prisma MedEx Academy, Tier I, July 2021

- Greenville Memorial Hospital/Clemson School of Nursing: medical field educational program

LEADERSHIP/ ORGANIZATIONS

Executive President, Quality of Life Plus (QL+) Student Chapter at Virginia Tech, Sep 2022- present

- Responsible for recruitment, design team supervision, reviewing submissions, and actively participating in the technical, professional, and educational development of all team members.
- Volunteered hours dedicated to building solutions to help physically disabled people in our community.
- As Team Lead in Spring 2025, developed a piano pedal adaptation, allowing a pianist to use a handle under their chin to press the pedal of a piano for people unable to move their feet.

Mechanical Engineering Ambassador at Virginia Tech, Aug 2024- present

- Promote the Mechanical Engineering program to prospective and current students through open houses, outreach events, and mentorship.

Hypatia Engineering Residential Learning Community at Virginia Tech, Aug 2022 – Jun 2023

- Participated in a mentoring program and LLC focused on professional and academic development for female engineering students.

WORK EXPERIENCE

Product Safety Engineering Intern, Onshore Wind, GE Vernova, May 2024-Aug 2024

- Migrated data and adapted software changes during the transition from ReliaSoft to an Excel-based template, including the transfer of over 830 ASR chains.
- Assisted in standardizing severity and probability for slip/trip/fall hazards and developed a "Touch the Turbine" safety video for Wind Turbine Blade analysis.
- *Intern Social Media and Communications Committee*: managed the Leadership Programs Instagram, built communication with interns, and developed media templates and handover instructions.

Preparation for Calculus Grader, Virginia Tech, Aug 2023- Dec 2024

- Responsible for providing weekly feedback and grading for students in preparation for calculus.

Quality Control Lab Technician, Electrolock, Inc., May 2023- Aug 2023

- Ensured the quality of incoming and outgoing materials using lab equipment and plant machinery.
- Worked with design specs and regulations standards to assess materials and products being tested.

EXTRANEIOUS SKILLS

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| • Microsoft Excel / Office | • MATLAB, JAVA, Python | • Leadership, Communication |
| • SolidWorks CAD | • coding experience | • Analytical Thinking |
| • ANSYS structural analysis | • Spanish | • Presentation Skills |

Permanent
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