



Honors Industrial & Systems Engineering student (GPA: 3.88) at NC A&T with strong problem-solving, analytical, and creative skills. Driven to apply engineering knowledge and contribute to impactful projects.

EDUCATION

North Carolina A&T State University, Greensboro, NC

- **Classification:** Junior | **Expected Graduation:** May 2028 | **GPA: 3.88 / 4.0**
- **Relevant Coursework:** Graphics in Visualization, Engineering Design and Ethics, Calculus I, II, III, Physics I, II, Computer Visual Basic, Materials Science, Engineering Economics and Cost Analysis, Intro to Manufacturing Processes, Methods Engineering, Engineering Statistics, Statics and Mechanics Materials, Engineering Teams and Leadership
- **Honors:** Honors College Student, Alpha Lambda Delta Honor Society, Dean and Chancellor’s List (2024-2026)

WORK EXPERIENCE/PROJECTS

DuPont

Manufacturing Engineering Intern — Cooper River Molykote Facility

Present

- Analyzed approximately \$100K in manufacturing yield loss by comparing theoretical yield to actual material recovery.
- Led SOP development for a new INTREX labeling system and supported equipment testing, operator training, and commissioning preparation.
- Developed and revised runsheets, TOIs, and WebMOCs to support manufacturing process changes.
- Collaborated with engineers and operators to troubleshoot production, production flows, and quality issues.

Parker Hannifin HPD Manufacturing Systems Analysis

Team Leader

Spring 2026

- Led a team analyzing the hydraulic hose assembly production system at Parker Hannifin’s HPD manufacturing facility.
- Developed an operation process chart, flow process chart, and plant layout analysis to evaluate manufacturing workflow.
- Assessed materials, product components, and assembly processes used in industrial hose production.
- Earned a perfect project score (100%).

BP Preservation Energy Team Project

Participant

Summer 2024

- Developed an energy-efficient system for potential implementation at BP’s headquarters.

ENRICHMENT ACTIVITIES

AFS Intercultural Programs

AFS Global STEM Changemakers Program Scholar

Present

- Selected for a highly competitive, fully funded global leadership and STEM program sponsored by BP and AFS.
- Represented as part of an international cohort focused on sustainability, innovation, and creating global social impact solutions.
- Chosen to attend the Changemakers Academy and international leadership conference in Switzerland, engaging with global leaders, students, and changemakers from around the world.
- Developed advanced leadership, cross-cultural communication, and collaborative problem-solving skills through global workshops and international engagement.

BP Fellow Scholars STEM Program

Scholar

Summer 2025

- Selected as one of a competitive cohort of STEM students for academic excellence, leadership, and commitment to the energy industry.

BP Bridge Scholars STEM Program

Scholar

Summer 2024

- Selected as a competitive STEM scholar for academic excellence and leadership potential.
- Awarded mentorship, training, and professional development through the program.
- Strengthened technical, communication, and networking skills to prepare for future careers.

LEADERSHIP AND INVOLVEMENT

Honors Ambassador, NC A&T Honors College | COE Ambassador, College of Engineering | Secretary, Institute of Industrial and Systems Engineers | Member, National Society of Black Engineers

SKILLS

- Visual Basic Coding Language, SolidWorks, PowerPoint, Excel, Canva, Problem-Solving, Communication, Teamwork, Critical Thinking, Adaptability, Attention to Detail