

Anuj Pandey

Cumming, GA | 678-790-0611 | apandey319@gatech.edu

Education

Georgia Institute of Technology, George W. Woodruff School of Mechanical Engineering

Atlanta, GA

Bachelor of Mechanical Engineering

Expected May 2026

GPA: 3.76

Relevant Courses: Statics, Thermodynamics, Materials Science, Dynamics, Linear Differential Equation, Linear Algebra

Honors:

Zell Miller Scholarship

January 2024 – Present

Skills and Certifications

Certifications: Alabama Water Watch Quality Testing, Mechatronics Pathway Completion Certification (NOCTI Exam), SP/2 Safety Certification

Skills:

- **Technical Skills:** SolidWorks 2023, MATLAB, Fusion360, Ladder Logic, PLC Terminal Testing, PLC Assembling, HMI Troubleshooting, Excel Data Analysis, Engineering Drawing Drafting, Engineering Drawing Interpretation
- **Hardware Tools:** Knee Mill Operations, Lathe Operations
- **Languages:** Hindi Fluency, Awadhi Fluency, English Fluency, Spanish Intermediate to Conversational

Relevant Experiences

Aerospace Department of Auburn University, Auburn, AL

January 2023 – December 2023

NASA Innovative Advanced Concepts Research Assistant

- Created designs for deploying antennas using Shape Memory Polymer Spool, aiming for compact deployment in space.
- Analyzed literature on similar projects to guide the design process.
- Optimized the material cost of Shape Memory Polymers in prototype design while maintaining deployment functionality.

Siemens Energy, Cumming, GA

August 2021 – May 2022

Assembly Testing Technician Intern

- Assembled PLC units based on the schematics for clients in the Energy Sector.
- Conducted factory acceptance testing of PLC software to ensure client specifications and safety functionality.
- Advised HR on enhancing the Internship Program for a better learning experience for Future Interns.

Leadership and Involvement

Embracing the World

January 2016 – Present

Chapter Leader, Atlanta, GA

- Assisted Meals by Grace in food distribution.
- Collaborated with Rivers Alive in cleaning river distribution channels.
- Won the White Flower International Charity Art Competition.

AU American Society of Mechanical Engineers Student Section

August 2022 – December 2023

Vice Chairman

- Created an online community of more than 170 individuals of all levels of Mechanical Engineering students.
- Assisted in creating campaigns for advertising Company Meet & Greet as a providing valuable resource to network.
- Brainstormed social events such as design night competitions to increase total student membership by 74.2%.

AU Engineers Without Borders

August 2022 – December 2023

Domestic Team Member

- Performed Water Quality tests on Parkerson Mill Creek to determine points of sewage contamination.
- Assisted Campus Kitchen in fixing Aquaponics Farms.
- Complied various testing sites for determining points of contamination exposure.