

# Krish Mishra

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## EDUCATION

### Georgia Institute of Technology

December, 2026

Bachelor of Science, Aerospace Engineering

Atlanta, GA

- **GPA: 3.5/4.0 | Highest Honors | Dean's List | President's List**

## WORK EXPERIENCE

### GE Aerospace

May 2025 – Present

Turbine Airfoils Intern

West Chester, OH

- Building a **multi-year strategy** for **machining equipment** to meet accelerated growth.
- Compiling **TAVS 2026-2028 machining capital** investment portfolio for **Executive Review**.
- Implementing **CEM** for internal source changes and initiating on first part transition.
- Optimizing strategy around **legacy products** approaching **sunset manufacturing**.

### GE Aerospace

May 2024 – Aug. 2024

Development Assembly Intern

Cincinnati, OH

- Completed **2 official dispatch orders** for **CFM LEAP engines** focusing on **process improvement** utilizing **GD&T, and LEAN**.
- Worked with **assembly engineers** on the **LEAP 1A & 1B engines** for inspection and identifying **5+ critical quality errors**.
- Oversaw **procurement, design, and manufacturing** on housing for engine components increasing performance by **20%**.
- Shadowed **central management** at headquarters and collaborated with a cross-functional team to create a **value stream map** of our future process reducing **cycle redundancy from 7 steps to 4**.

### Georgia Tech Ramblin' Rocket Club

Aug. 2023 – May 2025

GNC Subteam Lead | May 2024 - May 2025

Atlanta, GA

- Subteam **lead of 20+** undergrads building **actively guided gimbaled rockets** for **controlled ascent/descent**.
- **Static fired 1** time, **launched 3** times, **2 AIAA publications** and competed at the 2024 & 2025 Regional Student Conference.
- Planned/tested **single & dual-deployment recovery** systems and **self landing** capabilities.

GNC Structures and Recovery Subteams Member | Aug. 2023 - May 2024

- Manufactured and assembled **test stands** for **jet vanes analysis** to be employed within **Thrust Vector Controlled rockets** with self-landing capabilities. Planned/tested recovery systems. **Static fired 4** times.

High Powered Rocketry Member | Aug. 2024 - Dec. 2024

- Successfully **built from scratch, launched, and safely recovered** a HPR rocket by **designing** and **simulating** flight dynamics ensuring stability and performance. National Association of Rocketry L1 **High Power Certified**. **>1km apogee**.

### Georgia Institute of Technology V.I.P. M.A.R.S Program

Aug. 2023 – Dec. 2023

Undergraduate Researcher

Atlanta, GA

- Created a procedure for **habitat deployment** and **radiation shielding** processes on future Mars Missions with **JPL & GTRI**.

## SKILLS

- **Software:** SolidWorks, Fusion 360, Ansys, ArchiCAD, GrabCAD, OpenRocket, CAM, NX, Tableau, DAQ, MS Office
- **Tools:** Lathe, Mill, Planer, Hydraulic Press, Band Saws, CNC, Waterjet, Laser Cutter, Soldering Iron, Power Tools
- **Programming Languages:** Python, HTML, Matlab, Simulink
- **Soft Skills:** Sourcing, planning, time management, detailing, efficient use of resources, leadership and teamwork