Krish Mishra

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EDUCATION

Georgia Institute of Technology

Bachelor of Science, Aerospace Engineering

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

WORK EXPERIENCE

GE Aerospace

Turbine Airfoils Intern

- 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

Cincinnati, OH

Development Assembly Intern

- 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 the **procurement, designing, and manufacturing** of housing for engine components, **implemented my design** in the development assembly **shop floor** and across multiple sites **throughout the U.S.**
- 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

GNC Subteam Lead | May 2024 - May 2025

- 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

Undergraduate Researcher

• 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

Aug. 2023 - May 2025

Atlanta, GA

May 2025 – Present

West Chester, OH

December, 2026

Atlanta, GA

Aug. 2023 - Dec. 2023

Atlanta, GA