Krish Mishra

mishrakrish2004@gmail.com +1 (470) 564-0065 Krish Mishra Atlanta, GA

Education

Georgia Institute of Technology, *Bachelor of Science in Aerospace Engineering* 08/2023 – 12/2026
- Cumulative Overall GPA: 3.7/4.0 ; Undergraduate BSAE GPA: 3.5/4.0 Atlanta, GA

Experience

Turbine Airfoils Intern, *GE Aerospace* 05/2025 – present
- Building multi-year strategy for machining equipment to meet future growth West Chester, OH
- Compiling TAVS 2026-2028 machining capital investment protfolio
- Implememting CEM for internal source changes and initating on first part transition
- Optimizing strategy around legacy products approcaing sunset manufacturing

Manufacturing Engineering - Supply Chain Intern, *GE Aerospace* 05/2024 – 08/2024
- Development Assembly team: Shadowed central management at headquarters Cincinnati, OH
- Worked with the planning team for the LEAP engine focusing on process improvement utilizing GD&T, and LEAN practices. Completed 2 official dispatch orders
- Worked with assembly engineers on the LEAP 1A and 1B engines for inspection and evaluation
- Oversaw the procurement, designing, and manufacturing on housing for engine components
- Collaborated with a cross-functional team to create a value stream map of our future process

Undergraduate Researcher, *Georgia Institute of Technology V.I.P. M.A.R.S Program* 08/2023 – 12/2023
- With the partnership of NASA-KSC, JPL, Tensar International Corporation, and GTRI I put together the logistics for future Mars missions Atlanta, GA
- Created an additive procedure for habitat deployment and radiation shielding processes

Projects

Guidance, Navigation, and Control, *Georgia Tech Ramblin' Rocket Club* 08/2023 – 05/2025
- Subteam lead of 20+ undergrads building actively guided gimbaled rockets for controlled ascent/descent; static fired 1 time, launched 3 times
- AIAA publication and competed at the 2024 Regional Student Conference at Kennedy Space Center
- Manufactured and assembled test stands for jet vanes analysis to be employed within Thrust Vector Controlled rocket with self-landing capabilities; static fired 2 times
- Planned/tested single and dual-deployment recovery systems

High Power Rocketry, *Georgia Tech Ramblin' Rocket Club* 08/2023 – 05/2025
- Designed and simulated a high-power model rocket ensuring stability and performance
- Successfully achieved a National Association of Rocketry L1 High Power Certification

Safety Lead and Manufacturer, *Oakville Trafalgar Robotics 1374* 11/2019 – 04/2021
- 2nd place in the FIRST Robotics Competition at the University of Waterloo. District Event Finalist
- Handled several mechanical and automated machinery
- Manufactured/assembled various robotic parts using steel, aluminum alloys, wood, and plastic

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, Matlab + Simulink

Soft Skills: Organization, time management, planning, detailing, and efficient use of resources

Languages

English
Native/Bilingual Proficiency

Hindi
Native/Bilingual Proficiency

French
Working Proficiency