

ARJUN VENKATESH

Ithaca, NY ◇ (607) 555-0175 ◇ arjun.venkatesh@college.edu ◇ linkedin.com/in/arjunvenkatesh

EDUCATION

Hollins Institute of Technology, Ithaca, NY

Dec 2026

M.Eng. in Mechanical Engineering (Robotics)

GPA: 3.92/4.00

Relevant Coursework: Robot Dynamics, Control Systems, Computer Vision, Mechatronics

Northern Institute of Engineering & Technology, Chennai, India

May 2025

B.Tech. in Mechanical Engineering

CGPA: 9.1/10 (GPA equivalent 3.9/4.0); Gold Medal, Department Rank 1

EXPERIENCE

Kestrel Robotics, Pittsburgh, PA — *Robotics Engineering Intern*

May 2026 – Aug 2026

- Designed a compliant gripper for warehouse picking; raised grasp success from 82% to 95% on 300 SKUs.
- Wrote ROS 2 nodes for force control and integrated them with the vision stack.

Hollins Autonomous Systems Lab, Ithaca, NY — *Graduate Research Assistant*

Jan 2026 – Present

- Developing model-predictive control for a quadruped robot on uneven terrain.

Kestrel Mobility, Hosur, India — *Summer Trainee*

May 2024 – Jul 2024

- Reduced cycle time on a welding line by 9% through fixture redesign.

LEADERSHIP & ACTIVITIES

Formula Student Team, Chennai, India — *Chassis Lead*

Aug 2022 – May 2025

- Led 14 students; team placed 3rd nationally among 80 entries.

HONORS & AWARDS

- Department Gold Medal (2025)
- Merit Scholarship, Hollins Institute (2025)

SKILLS & INTERESTS

Technical: SolidWorks, ANSYS, MATLAB/Simulink, ROS 2, Python, C++

Languages: English, Tamil (native), Hindi

Interests: Carnatic violin, autonomous drone racing