Raghav Thakar

Robotics enthusiast
New Delhi, Delhi, India

Contact

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Education

Manipal Institute of Technology (2019-2023)
B. Tech, Computer Science and Engineering.
Grade: 9.02

The Mother's International School, New Delhi (2019)
CBSE. Science with Computer Science and Math.
Score: 95.00%

Skills

ROS, C++, Python, Git, Bash, Fusion360

Summary

Robotics enthusiast looking to contribute to and learn from a collaborative environment.

Experience

Sensing and Automation Head, Project Manas
Official Robotics and AI team of MIT, Manipal.
- Simulation and visualisation with ROS, Rviz & Gazebo
- Interfacing microcontrollers
- Oversee various technical undertakings

National Semi-finalist, Swadeshi Microprocessor Challenge
Organised by MEIT, Govt of India.
- Presently among the top 100 semi-finalists of 2500+ participants
- Developed and designed an ASRS for Indian warehouses

Personal Projects

- **Muvu:** Offline Spanning Tree Coverage.
- **Sparsh**: A braille reader for everything!
- **rrt:** Fundamental Path Finding using RRT.
- **prm:** Fundamental Path Finding using PRM and Dijkstra's algorithm.
- **Chipsy**: Industrial Pick and Place robot.