



Student or Full Time Employment Opportunity In Manufacturing Robotics In Gaithersburg, MD

NIST's Measurement Science for Manufacturing Robotic Program is developing and deploying measurement science, standards, and test methods that advance manufacturing robotic system performance, collaboration, agility, autonomy, safety, and ease of implementation to enhance U.S. innovation and industrial competitiveness.

Opportunity: NIST is looking for one or more students and/or full-time employees that have a passion for manufacturing robotics. The ideal candidate should have expertise or an interest in ROS, Gazebo, and/or robot planning. Programming experience is a plus. This position is open to undergraduate/graduate students or recent graduates. Must be a U.S. citizen.

The candidate will be supporting the Agility Performance for Robotic Systems project, whose goal is to develop robot agility performance metrics, test methods, information models, data sets, and planning approaches that will enable manufacturers to more easily and rapidly reconfigure and re-task robot systems.



Employment Options: (in no particular order)

- **Pathways** (<https://www.nist.gov/careers/pathways-program-frequently-asked-questions>) - Flexible position where you can work on an agreed-upon schedule throughout the entire year.
- **Summer Undergraduate Research Fellowship** (<https://www.nist.gov/surf>) – Summer only position.
- **Recent Graduate Program** (<https://www.nist.gov/programs-projects/recent-graduate-program>) – Full time position. Must apply within two years of graduation.
- **Post-Doc** (<https://www.nist.gov/iaao/academic-affairs-office/nist-nrc-postdoctoral-research-associateships-program>)

Web Sites:

- **NIST:** www.nist.gov
- **Robotics Program:** <https://www.nist.gov/programs-projects/measurement-science-manufacturing-robotics>
- **Agility Performance of Robotics Systems Project:** <https://www.nist.gov/programs-projects/agility-performance-robotic-systems>

For More Information or to Express Interest:

- Please contact Craig Schlenoff at craig.schlenoff@nist.gov