

Robotics Summer Internships

Join Robotics summer internships to explore the design, construction, and operation of robots, focusing on autonomous systems, AI integration, robotic control systems, sensors, actuators, and their applications in industries like manufacturing, healthcare, and space exploration.

Focussed Areas under Robotics Summer Internship

1. Design and development of autonomous robots
2. Artificial intelligence and machine learning in robotics
3. Robotic control systems and algorithms
4. Sensors and actuators in robotic systems
5. Applications of robotics in industrial automation
6. Medical robotics in surgery and healthcare
7. Robotics in space exploration and planetary research
8. Humanoid and service robots
9. Collaborative robots (cobots) in manufacturing
10. Robotics in agriculture and precision farming
11. Swarm robotics and distributed systems
12. Robotic vision and image processing systems
13. Unmanned aerial vehicles (UAVs) and drones
14. Robotics in disaster management and rescue operations
15. Soft robotics and bio-inspired robotic systems
16. Robotics in transportation and autonomous vehicles
17. Ethical considerations in robotics and AI
18. Robotics for environmental monitoring and conservation
19. Simulation and modeling in robotic system design
20. Human-robot interaction and user experience design

Protocols Covered across various focussed areas under Robotics Summer Internship

1. Protocols for designing autonomous robots
2. Machine learning algorithms for robotic control systems
3. Sensor integration protocols for robotics
4. Techniques for robotic vision and image processing
5. Robotic arm and actuator control workflows
6. Protocols for collaborative robots in manufacturing
7. Robotics simulation and modeling software

8. Protocols for UAV navigation and control
9. Soft robotics design and fabrication techniques
10. Protocols for human-robot interaction testing

Duration: 5, 10, 15, 20, and 30 Days

Note: Please cross confirm whether internship slots for this field are available before joining.

[Click Here for Robotics Summer Internship Fees](#)

Application Process and Other info