Creating Futures in Robotics & AI
with Carnegie Mellon University

Robotics-related technologies are becoming ubiquitous and are dominating national headlines due to innovations such as driverless cars, service robots, surgical robots, and aerial vehicles. Robots and the knowledge required to create, operate, and interact with them will become increasingly important to society.

Launched in 2006, the Robotics Institute Summer Scholars (RISS) program is among the best and most comprehensive robotics research programs for undergraduates in the world. RISS students conduct research under the mentorship of top scientists in robotics and artificial intelligence at Carnegie Mellon University. The 30-plus participating mentors draw from a broad range of robotics research (e.g. field robotics, computer vision, machine learning, artificial intelligence, autonomy, graphics, human-robot interaction, and space robotics).
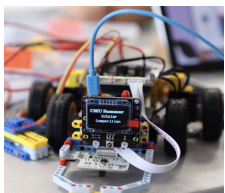
The RISS-guided research experience is coupled with powerful professional development in a nurturing global community and culminates in August with an annual research poster session and the publication of the RISS Working Papers Journal. The quality and breadth of research, high level of institute and university engagement, extensive professional development, graduate school application counseling, and alumni network create transformative experiences and remarkable post-program trajectories, with many students continuing to collaborate with their RISS mentors and attend graduate school at CMU.
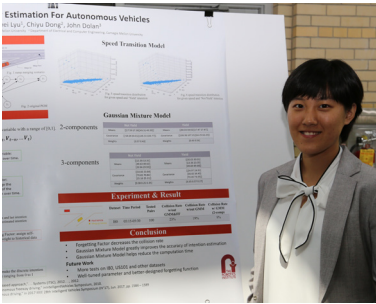
AN IMMERSIVE RESEARCH EXPERIENCE WITH A SUPPORTIVE COMMUNITY

- Research with World-Renowned Robotics & AI Experts
- Network with Innovators & Alumni from 50 Plus Countries
- Access Multiple Advanced Robotics Labs & Centers
- Build Professional Skills through Technical Workshops & Talks
- Participate in Competitions Custom Designed by Industry Leaders
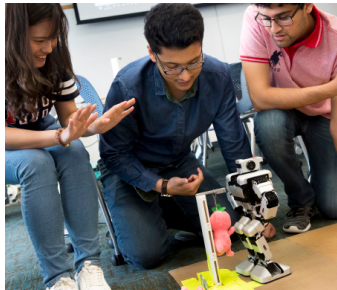- Publish & Present Research Results
- Receive Funding & Support

RISS | ROBOTICS INSTITUTE SUMMER SCHOLARS

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riss.ri.cmu.edu

Carnegie Mellon University has been a birthplace of innovation since its founding in 1900.

Today, CMU is a global leader bringing groundbreaking ideas to market and creating successful startup businesses. Our award-winning faculty are renowned for working closely with students to solve major scientific, technological and societal challenges. We put a strong emphasis on creating things — from art to robots.

#1 School of Computer Science
— *U.S. News & World Report, 2018*

49.8% of computer science's first-year student's were **women** in 2018

THE ROBOTICS INSTITUTE

- World's First University Robotics Department, Founded in 1979
- Largest University-Affiliated Robotics Research Group
- Leaders in Manipulation, Locomotion, Control, Computer Vision, Machine Learning and Graphics
- One of the Key Birthplaces of Autonomous Vehicle Technologies
- World's First Robotics Ph.D. Program
- Top-Ranked Graduate Programs in Robotics, Robotic Systems Development and Computer Vision

APPLY **TODAY**

riss.ri.cmu.edu
Applications will be accepted starting **November 1st**

Carnegie Mellon University
School of Computer Science

Carnegie Mellon University
The Robotics Institute

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