

## Multiple PhD openings in the Georgia Tech Trustworthy Robotics Lab

The Trustworthy Robotics Lab at the Georgia Institute of Technology, directed by Dr. Glen Chou, has multiple fully-funded PhD positions for students starting in Fall 2025.

Lab site: <https://trustworthyrobotics.github.io/>

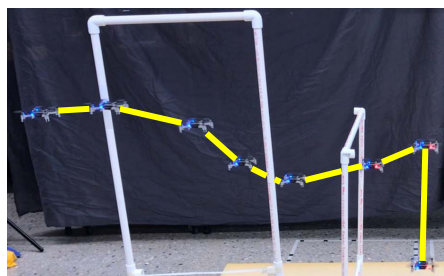
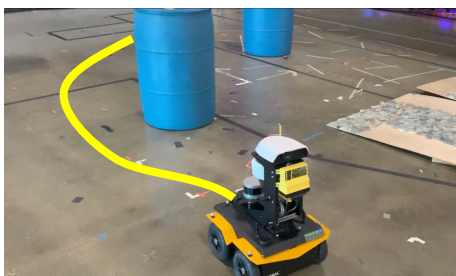
Apply here: <https://gradapp.gatech.edu/apply/>

Contact: [chou@gatech.edu](mailto:chou@gatech.edu)

Deadlines: Dec 2 2024 to Dec 16 2024 (depends on program)

**Our research:** The Trustworthy Robotics Lab designs algorithms to enable general-purpose robots and autonomous systems that operate capably, safely, and securely with humans, while remaining resilient to real-world failures and uncertainty. We're interested in all aspects of robot algorithm design – including the creation of the algorithms themselves, proving their properties, and deploying them on real robots.

Some broad research areas that PhD students may explore in the lab include (but are not limited to) 1) scalable and formally-verified robotic control synthesis, 2) trustworthy learning-based planning and control, and 3) safe and secure human-robot interaction.



### Desired qualifications:

- Self-motivated with a background in robotics, controls, machine learning, or optimization
- Proficiency in programming (Python, C++, MATLAB, Julia, etc.)
- Experience with using real robot hardware and with ROS
- Excellent writing and communication skills

**About Glen:** Glen Chou is an Assistant Professor in the Colleges of Computing & Engineering at Georgia Tech, with appointments in the Schools of Cybersecurity & Privacy and Aerospace Engineering. Glen received dual BS degrees in EECS and ME from UC Berkeley, an MS and PhD in ECE from the University of Michigan, and was a postdoc in the Computer Science and Artificial Intelligence Lab at MIT. He is a 2022 Robotics: Science & Systems Pioneer and was awarded the NDSEG and NSF graduate fellowships.

**About Georgia Tech:** Georgia Tech is a top research university located in the heart of Atlanta. US News ranks our graduate Aerospace Engineering and Computer Science programs as #2 and #7 in the nation, respectively. Robotics and autonomy are major focuses on campus. You'll have access to state-of-the-art facilities and equipment, expand your knowledge through a huge selection of courses, and become a part of the large, vibrant, and diverse research community here at Tech.

**How to apply:** I admit students through multiple PhD programs at Georgia Tech (including AE, CS, ML, and Robotics) – apply [here](#) to the program that best suits your interests and mention my name in your application. After you apply, you are welcome to email me at [chou@gatech.edu](mailto:chou@gatech.edu) regarding your application – when doing so, please include your CV, relevant transcripts, and a description of your research interests and plans. More details are available [here](#).