

Postdoc and Ph.D. Positions at North Carolina State University

POSITION DESCRIPTION

The [Automation and Robotics Lab](#) at North Carolina State University is seeking a highly motivated postdoctoral researcher and three fully funded Ph.D. students. Prospective postdoctoral and doctoral students will conduct research in robotics, computer vision, and artificial intelligence for agricultural applications under the guidance of [Dr. Lirong Xiang](#). The anticipated start date is Spring or Fall 2025. For the postdoctoral position, the initial contract is for one year, with the possibility of extension for up to three years. The Ph.D. positions include stipends, tuition coverage, health insurance, and travel support for conferences. Ph.D. candidates may enroll in either the Department of Biological and Agricultural Engineering or Electrical and Computer Engineering.

QUALIFICATIONS

- An Ph.D. or met all Ph.D. requirements (for postdoc position) or B.S. /M.S. (for Ph.D. position) in Agricultural Engineering, Computer Engineering, Electrical Engineering, Mechanical Engineering, or other closely related disciplines.
- Experience or interest in at least one of the following areas: Robotics and automation; Computer vision; Machine learning, deep learning; Mechanical design; Electrical design.
- Strong programming skills (e.g., C/C++, Python, MATLAB).
- Strong oral and written communication skills.

HOW TO APPLY

If you are interested in any of those positions, please email your CV to Dr. Lirong Xiang at lxiang3@ncsu.edu with subject: PostDoc/PhD Application_XXX. Review of applications will begin immediately and continue until the positions are filled. Selected applicants will be contacted and interviewed virtually. More information about the PhD application can be found at <https://www.engr.ncsu.edu/admissions/>.

ABOUT NCSU

NC State University is a public land-grant research university in Raleigh, North Carolina. The university forms one of the corners of the Research Triangle together with Duke University in Durham and the University of North Carolina at Chapel Hill. It is classified among "R1: Doctoral Universities – Very high research activity". In the 2024 U.S. News and World Report rankings, NCSU was ranked #58 in Best Overall National Universities, #25 in Best Engineering Schools, #3 in Best Biological/Agricultural Engineering Programs. NC State also ranks #5 globally in Computer and Electrical Engineering in the 2024 Shanghai Rankings. Additionally, Raleigh, NC was ranked #2 in Best Places to Live in the U.S.

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