

PhD Student and Post-Doc
University of Georgia

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Posted Aug. 24, 2025, set to expire Dec. 24, 2025

Job Title	PhD Student and Post-Doc
Department	Mechanical Engineering https://engineering.uga.edu/schools/ecam/
Institution	University of Georgia Athens , Georgia
Date Posted	Aug. 24, 2025
Application Deadline	Dec. 15, 2025
Position Start Date	Available immediately
Job Categories	Graduate Student Post-Doc
Academic Field(s)	Robotics Mechatronics Mechanical Engineering Material/Metallurgy Manufacturing & Quality Engineering Industrial & Systems Engineering Computer Engineering

Apply By Email

Job Description

A Smart Manufacturing and Data Analytics Group (<https://sites.google.com/site/smandda/> or https://scholar.google.com/citations?user=OJtZt_YAAAAJ&hl=en) at University of Georgia, Athens is hiring PhD or Direct PhD students for the Summer/Fall 2026. Potential applicants (e.g., Spring 2027) can contact Dr. Duckbong Kim (dbkim@uga.edu) to discuss their interests and possibilities. Tuition, stipend for PhD (\$2,300-3,000/month) student and travel for conferences will be financially supported.

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Stipend/salary for post-doc (\$50,000 to 60,000) and travel for conferences will be financially supported.

Our research group focuses on smart manufacturing and data analytics, such as industrial automation and robotic welding, XR:AR/VR/MR, additive manufacturing (AM), computational modeling, machine learning, physical AI, and decision support. Among these, we are currently focusing on four main specific topics: 1) XR-based Smart Manufacturing, 2) Machine Learning and Computational Modeling, 3) Collaborative Robot, 4) Machine Vision-based Digital Inspection Methodology (e.g., Cognex, PLC, and NI), and 5) Materials Characterization. For detail information, please visit the web-site of Smart Manufacturing and Data Analytics Group.

Required background & knowledge: mechatronics, industrial automation and robotics, machine vision, numerical modeling, and programming (e.g., C++, Unity, and Python). Applicants should hold a baccalaureate or a master degree in a field of mechanical engineering, electrical engineering, computer science, material science/engineering, industrial engineering or related-areas. Applicants may have earned a minimum of

- GPA: 3.0 on a 4.0 GPA scale (3.4 or the above preferred).
- TOEFL: overall score of 80 with at least 20 on speaking and writing.

For details, please see <https://engineering.uga.edu/prospective-students/graduate/>.

If you are interested in this study opportunity, please send your C.V. to Dr. Duckbong Kim (dbkim@uga.edu). We are looking forward to seeing highly motivated applicants for graduate study.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Tennessee Tech University

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