Post-Doctoral Position in Machine Learning for Robotics Applications

North Carolina A&T State University

Greensboro, NC

The Autonomous Control and Information Technology (ACIT) Institute at NC A&T State University's Electrical Engineering Department is inviting applicants for a full-time, post-doctoral research associate position in Artificial Intelligence and Machine Learning and its applications to control autonomous vehicles. The current research project aims to use data driven methods to develop and implement control and testing and evaluation techniques for autonomy algorithms for autonomous vehicles.

This is a non-tenure-track, yearly appointment, renewable annually for up to four years subject to satisfactory performance, availability of resources, and the needs of the Institute. In particular we are looking for applicants that have a demonstrated track record in robotics, machine learning, artificial intelligence and have strong background in systems and control problems. Demonstrated proficient programming skills are required (Preferably Python), and practical experience with embedded real-time systems is desired. We expect the candidate to have demonstrated/published research products based on Robot Operating System (ROS) applications. This is especially desired within the experimental setups of localization and navigation problems for both hardware and software implementations. Applicants with additional expertise in deep learning, online data stream classification and clustering analysis, are highly preferred.

The selected candidate will work with both graduate and undergraduate students in a mentoring role and will be involved in developing research proposals, conducting workshops, and seminars. The candidate will enjoy a dynamic and collaborative work environment as part of our cutting-edge autonomous vehicle research team. ***U.S. citizenship is preferred, and minority candidates are strongly encouraged to apply***. If interested, please apply electronically by sending detailed curriculum vitae, copies of your top three publications, a summary of your PhD dissertation, names and contact information of three references, and any other information that might be relevant to your application to ACIT Institute.

Submission should be forwarded to Dr. Abdollah Homaifar (homaifar@ncat.edu).

https://jobs.ncat.edu/postings/21532