Machine Intelligence
The University of Texas Rio Grande Valley

Research Assistant Position Available

Join Our Research Team at Machine Intelligence Lab (MI@UTRGV)
We invite passionate and dedicated individuals to apply for a Research Assistant position in our dynamic Machine Intelligence Lab (MI@UTRGV). This role is tailored for both undergraduate and graduate students who are keen on making significant contributions to the field of Reinforcement Learning (RL), traffic control, and autonomous vehicle management. Master's students should be open to continuing their research journey into a Ph.D. program at the University of Texas Rio Grande Valley (UTRGV).

About Our Lab:

Machine Intelligence Lab: A leading research facility focusing on innovative solutions in AI and transportation. Learn more about us at MI@UTRGV.
Resources: We offer access to high-performance workstations and a GPU cluster, enabling cutting-edge research and development. Discover our resources here.

Project Overview:

Focus: Employing RL to enhance traffic control systems and autonomous vehicle functionalities.
Technology: Advanced simulations using sophisticated physics engines.
Co-Advising Team: Dr. Mohamadhossein Noruzoliaee (Civil Engineering) and Dr. Erik Enriquez (Computer Science).

What We Offer:

Collaborative Environment: Benefit from the expertise of renowned academics in a supportive research setting.
Advanced Tools: Utilize our state-of-the-art computing facilities for impactful and efficient research.
Growth Path: Especially suitable for master's students considering a Ph.D. at UTRGV.

Ideal Candidate Profile:

Educational Requirement: Open to undergraduates and graduates, with a preference for Master's students aspiring to a Ph.D.
Skills: Solid background in RL, AI, or related disciplines. Experience in simulation and modeling is a plus.
Qualities: Highly motivated, hardworking, and eager to contribute to pioneering research.

How to Apply:

Submit your CV, a statement outlining your research interests, and relevant project/coursework details to dongchul.kim@utrgv.edu

Be a part of our team at MI@UTRGV and contribute to the future of smart transportation!

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