

Postdoctoral Fellow in Physics Informed Machine Learning & Human AI Interaction
School of Data Science & Department of Mechanical Engineering
The University of Texas at San Antonio (UTSA)

Are you passionate about pushing the boundaries of physics-informed machine learning and shaping the future of human-AI interaction? The School of Data Science and the Department of Mechanical Engineering at UTSA invite applications for an Interdisciplinary Postdoctoral Fellow position.

About the Position: Supported by prestigious research grants from AFOSR, DOE, and CPSE, this opportunity offers a one-year initial appointment with the potential for extensions. As a key player in cutting-edge research, you'll delve into the realms of machine learning, data analytics, and their intersection with physics. Join a dynamic team and contribute to groundbreaking projects that impact the fields of engineering and computer science.

Qualifications:

- Doctoral degree in Electrical/Mechanical/Industrial Engineering, Computer Science, or related fields.
- Strong background in machine learning and data analytics.
- Exceptional communication and writing skills.
- Proficient programming foundation.
- Experience in deep learning, physics-informed machine learning, active learning, and human-AI interaction.
- Bonus: Skills in high-performance and/or cloud computing.

What's in it for you?

- Competitive salary based on qualifications.
- Collaborate with experts at the School of Data Science, Department of Mechanical Engineering, Air Force, National Labs, and CPSE.
- Opportunity for personal and professional growth in a vibrant academic community.

Diversity and Inclusion: UTSA is a Hispanic Serving Institution, committed to diversity and inclusion. Applicants from minority backgrounds are strongly encouraged to apply.

How to Apply: Submit your CV, research statement, and contact information for two references to Dr. Adel Alaeddini (adel.alaeddini@utsa.edu).

Application Deadline: Review of applications begins immediately and continues until the position is filled.