College of IST Agentic AI Developer w/ Dr. Lee

higheredjobs.com/search/details.cfm



Job Number: REQ_0000076011

Approval of remote and hybrid work is not guaranteed regardless of work location. For additional information on remote work at Penn State, see Notice to Out of State Applicants.

JOB DESCRIPTION AND POSITION REQUIREMENTS

The College/Unit of IST is seeking applicants for part-time job of Agentic AI Developer.

Job duties to include:

We are seeking highly motivated B.S. or M.S. students (who are not graduating until Fall 26) to join our team for an AI security project in which students work directly with production-scale models and industry datasets. The project focuses on adversarial machine learning, large language model (LLM) robustness, red-teaming and defense strategies, and empirical evaluation of model vulnerabilities under realistic threat scenarios. Students will gain hands-on experience designing attack and defense pipelines, conducting systematic experiments, and collaborating in a fast-paced, research-driven environment. Ideal candidates have strong programming skills (Python required), familiarity with machine learning/NLP frameworks (e.g., PyTorch, Transformers), and an interest in AI safety, security, or trustworthy AI. This is an exceptional opportunity to work on cutting-edge AI systems, contribute to high-impact research, and engage directly with industry-scale infrastructure.

Compensation:

The starting rate for this job is $20/hr for BS and $25/hr for MS students

BACKGROUND CHECKS/CLEARANCES

Employment with the University will require successful completion of background check(s) in accordance with University policies.

CAMPUS SECURITY CRIME STATISTICS

Pursuant to the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act and the Pennsylvania Act of 1988, Penn State publishes a combined Annual Security and Annual Fire Safety Report (ASR). The ASR includes crime statistics and institutional policies concerning campus security, such as those concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault, and other matters. The ASR is available for review here.

EEO IS THE LAW

Penn State is an equal opportunity employer and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status. If you are unable to use our online application process due to an impairment or disability, please contact 814-865-1473.

Penn State is committed to and accountable for advancing equity, respect, and belonging. We embrace individual uniqueness, as well as a culture of belonging that supports equity initiatives, leverages the educational and institutional benefits of inclusion in society, and provides opportunities for engagement intended to help all members of the community thrive. We value belonging as a core strength and an essential element of the university's teaching, research, and service mission.

Federal Contractors Labor Law Poster

PA State Labor Law Poster

Penn State Policies

Copyright Information

Hotlines

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applications without regards to race, color, religion, age, sex, sexual orientation, gender identify, national origin, disability or protected veteran status. If you are unable to use our online application process due to an impairment or disability, please contact 814-865-1473.

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