Part Time - Autonomous AI Agents - Subject Matter Expert

HEJ higheredjobs.com/details.cfm

Job Number: REQ_0000075941

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

Subject Matter Expert- Penn State Great Valley, School of Graduate and Professional Studies A-I 850 / DAAN 850: Autonomous AI Agents (Graduate Level)

Penn State Great Valley, located in Malvern PA, is seeking a Subject Matter Expert (SME) to support the development of an 800-level graduate course focused on autonomous AI agents and LLM-based systems. The course emphasizes applied design, enterprise integration, multi-agent architectures, prompt engineering, planning and reasoning systems, tool invocation, and responsible deployment of AI agents in real-world contexts. The SME will be partnered with an Instructional Designer

Job Duties

- Develop and review advanced technical content across 15 course modules.
- Contribute real-world case studies, lab concepts, and applied assignments.
- Advise on agent architectures, orchestration frameworks, and enterprise deployment practices.
- Support development of a capstone group project involving a deployable AI agent system.
- Collaborate with instructional design and faculty teams.

Requirements and Qualifications

- Skillset in Computer Science, AI, Data Science, or related field.
- Demonstrated expertise in LLM-based systems, prompt engineering, RAG, and multi-agent architectures.
- Experience deploying AI systems in enterprise or research environments.
- Ability to communicate complex technical concepts clearly.

Preferred Qualifications

- Experience teaching or mentoring graduate students.
- Knowledge of AI governance, compliance, and production-scale deployment.
- Familiarity with agent orchestration frameworks (e.g., LangChain, AutoGen, CrewAI).

This is a project-based engagement supporting development of a high-impact graduate course preparing students to design and deploy autonomous AI systems in professional environments.

Additional Notes: Applicants should submit both a cover letter and resume that highlight the qualifications and experience that prepare them for this opportunity.

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.

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.