Research Fellow (Artificial Intelligence) - DW1
Singapore Institute of Technology

Job Title	Research Fellow (Artificial Intelligence) - DW1
Department	Infocomm Technology
Institution	Singapore Institute of Technology
	Singapore, , Singapore
Date Posted	May 3, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Computer Science
Job Website	https://careers.singaporetech.edu.sg/cw/en/job/498657/research-fellow-artificial-intelligence-dw1
Apply By Email	
Job Description	

Research Fellow (Artificial Intelligence) - DW1

Job no: 498657
Department: Infocomm Technology
Contract type: Contract
Apply now

As a University of Applied Learning, SIT works closely with industry in our research pursuits. Our research staff will have the opportunity to be equipped with applied research skill sets that are relevant

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to industry demands while working on research projects in SIT.

The SIT-NVIDIA Joint AI Center represents a collaborative effort between SIT and Nvidia to support AI integration within local businesses, utilizing cutting-edge AI technologies, including foundational and Generative AI models, Large Language Models (LLM), Retrieval-Augmented Generation (RAG), Natural Language Processing (NLP), Computer Vision (CV), and more. SIT is currently on the lookout for 4 Research Fellows to contribute to the Joint Centre. This position offers the chance to partake in pioneering AI research as part of a partnership between academia and industry.

Key Responsibilities

1. Research Execution and Management
• Develop and lead AI projects that integrate modern technologies, aimed at industry-relevant applications.
• Ensure all research activities are compliant with SIT's ethical standards and operational policies.
2. Collaboration and Networking
• Work closely with NVIDIA and SIT researchers to foster technological exchange and innovation.
• Build partnerships with industry stakeholders to align research projects with market needs and opportunities.
• Participate in networking events to enhance the visibility and impact of research outcomes.
3. Publication and Dissemination
• Produce high-quality research publications for academic conferences/journals and industry white papers.
• Present findings at international conferences, workshops, and industry forums.
4. Mentoring and Leadership
• Mentor graduate students and junior researchers, promoting skill development and professional growth.
• Lead by example in fostering a culture of academic excellence and integrity.

Job Requirements

• PhD in n Computer Science, Artificial Intelligence, Computer Vision, Natural Language Processing, or allied disciplines is required. Preference will be given to candidates with expertise in Large Language Models, as well as the fine-tuning and customization of AI models.
• Proven record of AI research and applications, as demonstrated by publications, patents, or software developments.
• Strong technical proficiency in AI modeling, computational tools, and programming languages

relevant to AI research (e.g., Python, CUDA).

Key Competencies

• Experience working in collaborative environments, especially involving industry and academia.
• Demonstrated ability to manage complex projects and multidisciplinary teams.
• Strong communication skills, capable of engaging both technical and non-technical audiences.

Application Process

Applicants are required to submit a CV, cover letter, detailed research proposal, and references to the SIT recruitment portal. Please indicate your potential start date and include any relevant work samples or publications.

Apply now
Advertised: 03 May 2024 Singapore Standard Time
Applications close: 31 Dec 2024 Singapore Standard Time

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Singapore