Research Fellow/Engineer (Applied artificial intelligence, material science, and sustainability) - ZW1
Singapore Institute of Technology

Job Title	Research Fellow/Engineer (Applied artificial intelligence, material science, and sustainability) - ZW1
Department	Infocomm Technology
Institution	Singapore Institute of Technology
	Singapore, , Singapore
Date Posted	Aug. 14, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Computer Science
Job Website	https://careers.singaporetech.edu.sg/cw/en/job/498480/research-fellowengineer-applied-artificial-intelligence-material-science-and-sustainability-zw1
Apply By Email	
Job Description	

Research Fellow/Engineer (Applied artificial intelligence, material science, and sustainability) - ZW1

Job no: 498480
Department: Infocomm Technology
Contract type: Contract
Apply now

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We have an opening for Research Fellow or Research Engineer. The selected applicant is expected to lead and pursue high-quality research in applied artificial intelligence, material science, and sustainability that will lead to publications in top-tier international conferences and journals, as well as real-world implementations. If interested, please include a cover letter, CV and a brief statement of your work undertaken in your resume.

The Singapore Institute of Technology (SIT) is a public autonomous university and the third largest university by intake in Singapore. SIT's mission is to innovate with industry through an integrated applied learning and research approach to contribute to the economy and society. Singapore is a small city with a big dream. We are home to the best talent and have the world's highest per-capital investment in science and technology.

Key Responsibilities

• Collaborate with research partners to lead and/or conduct innovative research on, but not limited to applied AI, material science, sustainability, etc.
• Contribute to academic research in the relevant domains and publish high-tier journal papers and conference papers.
• Participate in and manage the research project with Principal Investigator (PI) to ensure all project deliverables are met.
• Coordinate procurement and liaison with vendors/suppliers.
• Participate in computer science-related laboratories and tutorials for undergraduate students.
• Interview and supervise student assistants in the project.

Job Requirements

• (Research Fellow) PhD in Computer Science or a related field, or PhD in Material Science with experience in data analytics and AI
• (Research Engineer) Bachelor/Master degree in Computer Science or a related field, or Bachelor/Master degree in Material Science with experience in data analytics and AI
• Proven ability to conduct independent research with a relevant publication record
• Outstanding data analytics, mathematical, and computer modelling skills
• Interested in energy-related applications such as batteries, electric vehicles, and sustainability.
• Excellent interpersonal communication and oral presentation skills in English
• Self-driven and strong team spirit

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Posted Aug. 14, 2023, set to expire Jul. 5, 2024

• Open to fixed-term contract (renewable upon review of satisfactory performance)

Apply now
Advertised: 14 Aug 2023 Singapore Standard Time
Applications close: 29 Sep 2023 Singapore Standard Time

Contact Information

Contact

Singapore