Research Engineer / Fellow (Battery Performance
Management) - ZW3
Singapore Institute of Technology

Job Title	Research Engineer / Fellow (Battery Performance Management) - ZW3
Department	Infocomm Technology
Institution	Singapore Institute of Technology
	Singapore, , Singapore
Date Posted	Oct. 2, 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/498524/research-engineer-fellow-battery-performance-management-zw3
Apply By Email	
Job Description	

Research Engineer / Fellow (Battery Performance Management) - ZW3

Job no: 498524
Department: Infocomm Technology
Contract type: Contract
Apply now

Research Engineer / Fellow (Battery Performance Management) - ZW3
Singapore Institute of Technology

We have a few openings for Research Fellow or Research Engineer. The selected applicant is expected to lead and pursue high-quality research in applied artificial intelligence (e.g., physics-informed neural network, transfer learning, and edge intelligence) for battery management systems that lead to publications in top-tier international conferences and journals, as well as real-world implementations. If interested, please send your resume including a cover letter, CV and a brief statement of your work undertaken in previous work.

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, so as to contribute to the economy and society. Singapore is the small city with a big dream. We are home to the best talent and have the world's highest per capita investment in science and technology.

Key Responsibilities:

- Collaborate with partners from both the academia and the industry to lead and/or conduct innovative research on, but not limited to physics-informed neural network, transfer learning, and edge intelligence, battery management, 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
- (Research Engineer) Bachelor/Master degree in Computer Science or a related field
- Proven ability to conduct independent research with a relevant publication record
- Outstanding data analytics, mathematical, and computer modelling skills
- Excellent interpersonal communication and oral presentation skills in English
- Self-driven and strong team spirit
- Open to fixed-term contract (renewable upon review of satisfactory performance)

Apply now
Advertised:

Research Engineer / Fellow (Battery Performance Management) - ZW3
Singapore Institute of Technology

Direct Link: https://www.AcademicKeys.com/r?job=222670
Downloaded On: May. 9, 2024 1:42pm
Posted Oct. 2, 2023, set to expire Jul. 5, 2024

02 Oct 2023 Singapore Standard Time
Applications close: 31 Dec 2023 Singapore Standard Time

Contact Information

Contact

Singapore