

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

Direct Link: <https://www.AcademicKeys.com/r?job=243653>

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Posted Aug. 26, 2024, set to expire Jul. 5, 2025

**Job Title** Research Engineer / Fellow (Battery Performance  
Management) - ZW3

**Department** Infocomm Technology

**Institution** Singapore Institute of Technology  
Singapore, , Singapore

**Date Posted** Aug. 26, 2024

**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/498755/research-engineer-fellow-battery-performance-management-zw3>

**Apply By Email**

**Job Description**

## Research Engineer / Fellow (Battery Performance Management) - ZW3

**Job no:** 498755

**Department:** Infocomm Technology

**Contract type:** Contract

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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)

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25 Aug 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