

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

Direct Link: <https://www.AcademicKeys.com/r?job=219625>

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

**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>

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**Job Description**

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

**Job no:** 498480

**Department:** Infocomm Technology

**Contract type:** Contract

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

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**Advertised:** 14 Aug 2023 Singapore Standard Time

**Applications close:** 29 Sep 2023 Singapore Standard Time

### Contact Information

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

### Contact

Singapore