

Research Fellow/Engineer (smart manufacturing) - ZW  
Singapore Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=230279>

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Posted Feb. 7, 2024, set to expire Jul. 5, 2024

**Job Title** Research Fellow/Engineer (smart manufacturing) - ZW  
**Department** Infocomm Technology  
**Institution** Singapore Institute of Technology  
Singapore, , Singapore

**Date Posted** Feb. 7, 2024

**Application Deadline** Open until filled

**Position Start Date** Available immediately

**Job Categories** Faculty Associate  
Research Scientist/Associate  
Research Professor

**Academic Field(s)** Computer/Information Sciences

**Job Website** <https://careers.singaporetech.edu.sg/cw/en/job/498608/research-fellowengineer-smart-manufacturing-zw>

**Apply By Email**

**Job Description**

## Research Fellow/Engineer (smart manufacturing) - ZW

**Job no:** 498608

**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 for job scheduling and machine control for smart manufacturing as well as publications in top-tier international conferences and journals, as well as real-world implementations. If interested, please apply with 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 capital 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 evolutionary computing, job scheduling, transfer optimization, transfer learning, reinforcement learning, large-scale optimization, smart manufacturing, 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

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

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**Advertised:** 07 Feb 2024 Singapore Standard Time

**Applications close:** 30 Apr 2024 Singapore Standard Time

### Contact Information

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

### Contact

Singapore