

## Research Fellow (Artificial Intelligence) Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=261470>

Downloaded On: Aug. 21, 2025 5:38pm

Posted Aug. 21, 2025, set to expire May 6, 2026

<b>Job Title</b>	Research Fellow (Artificial Intelligence)
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Aug. 21, 2025
<b>Application Deadline</b>	Open untill filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Computer Science
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Artificial-Intelligence-_R00021688">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Artificial-Intelligence-_R00021688</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

School of Electrical and Electronic Engineering is one of the founding Schools of the Nanyang Technological University. Built on a culture of excellence, the School is renowned for its high academic standards and research. With over 3,000 undergraduates students and 2,000 graduate students it is one of the largest EEE schools in the world and ranks 4th in the field of Electrical & Electronic Engineering in the 2025 QS World University Rankings by Subjects.

Today, the School has become one of the world's largest engineering schools that nurtures competent engineers and researchers. Each year, the School graduates over a thousand students who are ready to take on great ambitions and challenges.

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For more details, please view: <https://www.ntu.edu.sg/eee>

Artificial Intelligence (AI) related fields, including machine learning, computer vision, adaptive data modelling, and computational imaging. The objective is to develop state-of-the-art machine learning algorithms for solving ill-posed inverse problems, which can benefit a wide range of real-world applications.

This Research Fellow will work with our team to conduct the research on development of AI models and algorithms for image processing, computational imaging as well as computer vision applications

### **Key Responsibilities:**

The roles of this position include:

- Research on the cutting-edge AI algorithms for processing and modeling high-dimensional data (e.g., tensor or multi-modality data).
- Work with other researchers and PhDs to develop AI applications related to image processing, computational imaging as well as computer vision.
- Lead a team of junior researchers, e.g., PhD students and Research Assistant, to help with the vision and data analytics tasks.
- Discussion and study recent papers and baseline codes in this field. Report to advisor and the team weekly.
- Prepare and publish research papers on top-tier conferences and journals.
- Help prepare the proposal and progress report.

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**Job Requirements:**

Successful applications are expected to possess a PhD Degree in Computer Science or Electrical Engineering from reputed universities, with at least 5 years research experience in related fields.

- Research and Comprehensive Skills:
  1. Independent and self-motivated researcher
  2. Good paper reading and writing skills
  3. Excellent publication record, including top-tier journals and conference papers in the related fields.
  4. Strong in Mathematics with good knowledge of Efficient Learning for computer vision
- Coding Skills:

Familiar with any of the major deep learning libraries, including Pytorch

We regret to inform that only shortlisted candidates will be notified.

**Contact Information**

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

**Contact**

Singapore