

Research Assistant/Research Associate/Research Fellow (Natural Language Processing) Nanyang Technological University

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

Job Title Research Assistant/Research Associate/Research

Fellow (Natural Language Processing)

Department School of Electrical and Electronic Engineering

Institution Nanyang Technological University

Singapore, , Singapore

Date Posted Aug. 6, 2025

Application Deadline Open untill filled

Position Start Date Available Immediately

Job Categories Research Scientist/Associate

Academic Field(s) Electrical and/or Electronics

Job Website https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-

Main-Campus-Singapore/Research-Assistant-Research-Associate-Research-Fellow--Natural-

Language-Processing-_R00021531

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Main-Campus-Singapore/Research-Assistant-Research-Associate-Research-Fellow--Natural-

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Job Description

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



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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.

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

Our team is seeking to hire a talented researcher in natural language processing and large language models to work with a team from multiple disciplines of machine learning and artificial intelligence to develop multimodal large language models with improved memory/sample/time efficiency in training and testing.

Key Responsibilities:

The Researcher will work on a project to conduct research on the development of multimodal large language models. The roles of this position include:

- Development of algorithms to improve memory/sample/time efficiency of LLM training.
- Development of a workable prototype system with capabilities such as conversational information retrieval, multimodal sense making, question answering, and chain-of-thoughts.
- Publication of papers in top tier conferences and journals
- Collaboration with team members and funding agency to ensure timely and quality deliverables.
- Co-supervision of MSc and Final Year Project students involved in this project.

Job Requirements:

Bachelor/Master/PhD in Electrical and Electronic Engineering/Computer Engineering field in



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computer science, or related field.

- Strong expertise in natural language processing (NLP) and large language models (LLM)
- Over 1-year research experience in the above required areas
- Excellent publication track record on top tier conferences/journals
- Proficiency in programming language Python
- Excellent verbal and written communication skills

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