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

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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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

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