

Research Fellow (Natural Language Processing)  
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=236794>

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Posted May 30, 2024, set to expire Apr. 1, 2025

<b>Job Title</b>	Research Fellow (Natural Language Processing)
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	May 30, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Professional Staff
<b>Academic Field(s)</b>	Computer Science Computer Science
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Natural-Language-Processing-_R00017354">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Natural-Language-Processing-_R00017354</a>
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<b>Job Description</b>	

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The School of Electrical and Electronic Engineering is seeking to hire a talented Research Fellow 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 capabilities such as conversational information retrieval, multimodality sensemaking, question answering and chain-of-thoughts.

The Research Fellow will work on a project to conduct research on the development of multimodal large language models.

### Key Responsibilities:

- Develop new algorithms for large language model training/fine-tuning
- Develop multimodality fusion algorithms for the development of a workable prototype system with capabilities such as conversational information retrieval, multimodal sense making, question answering, and chain-of-thoughts.
- Publish papers in top tier conferences and journals
- Collaborate with team members and funding agency to ensure timely and quality deliverables.
- Co-supervise of MSc and Final Year Project students involved in this project.

### Job Requirements:

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PhD in Computer Science, or related field.

- Strong expertise in natural language processing and large language models
- Over 3-year research experience in the above required areas
- Excellent publication track record on top tier conferences/journals
- Proficiency in programming language Python
- Proficiency in English

PhD candidates going to submit thesis with 3 months are encouraged to apply.

We regret 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