Research Fellow (Natural Language Processing)
Nanyang Technological University

Job Title	Research Fellow (Natural Language Processing)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University
	Singapore, , Singapore
Date Posted	May 30, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Computer Science
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Natural-Language-Processing-_R00017349
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Job Description

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:

- Design strategies for training data collection and annotation

- Develop new algorithms for multimodal large language model training.

- Develop 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:

- PhD in computer science, or related field.

- Strong expertise in natural language processing and large language models.

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Over 3-year research experience in the above required areas

- Experiences in computer vision is preferred.

- Excellent publication track record on top tier conferences/journals

- Proficiency in programming language Python

- Proficiency in English

PhD candidates going to submit thesis within three 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