Research Fellow (Machine Learning/Image Processing)
Nanyang Technological University

Job Title	Research Fellow (Machine Learning/Image Processing)
Department	School of Materials Science & Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Jun. 12, 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/details/Research-Fellow--Machine-Learning-Image-Processing-_R00017493?q=R00017493
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Machine-Learning-Image-Processing-_R00017493?q=R00017493
Apply By Email	

Job Description

We welcome applications for a Research Fellow position in AI/Machine Learning at the School of Mechanical and Aerospace Engineering (MAE), NTU, Singapore. The appointment is full-time and is funded for 1+ years.

The selected candidate will join a vibrant and dynamic research group, equipped with state-of-the-art facilities.

Key Responsibilities:

- Leading the development of a vision-based object detection/tracking module for applications in Space Situational Awareness.

- Involve learning-based algorithm design for orbit determination/propagation, image processing/enhancement, and experimental validation.

Job Requirements:

- A PhD Degree in AI/Computer Science, Aerospace Engineering, Mechanical Engineering, etc.

- Strong background in deep learning, machine learning, and/or image processing.

- Relevant space-based research that includes orbit determination/propagation will be preferred.

- Good communications skills and the ability to work independently and facilitate projects with minimal supervision.

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Able to contribute to Journal/Conference papers with good presentation skills.

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Able to plan and organize well and adhere to deadlines

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