

Research Engineer I (Computer Science/Aerospace
Engineering/Operation Research)
Nanyang Technological University

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Posted Apr. 2, 2024, set to expire Apr. 1, 2025

Job Title	Research Engineer I (Computer Science/Aerospace Engineering/Operation Research)
Department	School of Mechanical and Aerospace Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Apr. 2, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate Professional Staff
Academic Field(s)	Computer/Information Sciences
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Job Description

The Air Traffic Management Research Institute (ATMRI) at NTU is inviting applications for the position of Research Engineer I.

Under ATMRI (<http://atmri.ntu.edu.sg/>), the Research Engineer will be part of a dynamic research team to research and develop Artificial Intelligence and Data Analytics models for Air Traffic Management.

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Key Responsibilities:

- Support research and development related to Artificial Intelligence and Machine Learning applied to Air Traffic Control and Air Traffic Management.
- Develop algorithms and models (Deep Learning/Deep Reinforcement Learning), perform data mining, data analytics for advanced Air Traffic Management concepts.
- Develop prototypes and intelligent tools for Air traffic management.
- Support Principal Investigator/Team Lead with project management activities and preparation of progress reports.

Requirements:

- Bachelor's degree in Computer Science/Aerospace Engineering/Operation Research or equivalent
- Experience in programming; excellent knowledge of Python Programming Languages
- Demonstrated academic project experience related to applied Machine Learning, Data Mining, Air Traffic Control or Air Traffic Management
- Good English writing and communication skills
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Able to work independently and be a team player

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