

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

Direct Link: <https://www.AcademicKeys.com/r?job=233819>

Downloaded On: Nov. 22, 2024 7:16am

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

<b>Job Title</b>	Research Engineer I (Computer Science/Aerospace Engineering/Operation Research)
<b>Department</b>	School of Mechanical and Aerospace Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Apr. 2, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate Professional Staff
<b>Academic Field(s)</b>	Computer Science Aerospace/Aeronautical/Astronautics
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Engineer-I--Computer-Science-Aerospace-Engineering-Operation-Research-_R00016663">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Engineer-I--Computer-Science-Aerospace-Engineering-Operation-Research-_R00016663</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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

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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.

**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
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Good English writing and communication skills

- 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