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

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| **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 |
| **Apply Online Here** | https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Engineer-I--Computer-Science-Aerospace-Engineering-Operation-Research-_R00016663 |
| **Apply By Email** | |

### 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.

**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