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

Job Title	Research Associate (Computer Science/Aerospace Engineering/Operation Research)
Department	Air Traffic Management Research Institute
Institution	Nanyang Technological University
	Singapore, , Singapore
Date Posted	Apr. 4, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
	Professional Staff
Academic Field(s)	Computer Science
	Aerospace/Aeronautical/Astronautics
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Job Description

The Air Traffic Management Research Institute (ATMRI) is inviting applications for the position of Research Associate.

Under ATMRI (http://atmri.ntu.edu.sg/), Nanyang Technological University, Singapore the candidate will be part of a dynamic research team to research and develop Artificial Intelligence and Data

Analytics models for Air Traffic Management.

Key Reponsibilities:

- 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.

- Support Principal Investigator/Team Lead with project management activities and preparation of progress reports.

- Develop prototypes and intelligent tools for Air traffic management.

- Communicate and collaborate effectively with industrial and academic partners

Job Requirements:

- Master's degree in Computer Science/Aerospace Engineering/Operation Research or equivalent

- Experience in programming: excellent knowledge of Python Programming Languages

- Demonstrated 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