

Research Fellow (Control Theory, Robotics and
Autonomous Systems)
Nanyang Technological University

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Posted Jun. 5, 2024, set to expire May 6, 2025

Job Title	Research Fellow (Control Theory, Robotics and Autonomous Systems)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Jun. 5, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Robotics Mechanical Engineering Electrical and/or Electronics
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Control-Theory--Robotics-and-Autonomous-Systems-_R00017444
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Control-Theory--Robotics-and-Autonomous-Systems-_R00017444
Apply By Email	
Job Description	

The School of Electrical and Electronic Engineering (EEE) is inviting applications for the position of Research Fellow

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The Research Fellow will work on a project to conduct the research on development of distributed security control algorithms for complex and nonlinear cyber-physical systems.

Key Responsibilities:

- Conduct advanced research in the field of automatic control and security control of nonlinear cyber-physical systems.
- Develop and implement novel control strategies for nonlinear cyber-physical systems.
- Publish research findings in high-impact journals and present at leading conferences.
- Contribute to the preparation of research proposals and project reports.

Job Requirements:

- PhD in Mechanical and Automation Engineering, Electrical and Electronic Engineering, or a closely related field.
- Strong expertise in automatic control and nonlinear systems control.
- A high level of self-motivation and the ability to take initiative independently.
- A strong publication track record in relevant fields is advantageous.
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Strong communication and interpersonal skills.

- Proficiency in basics of programming languages such as C, C++ and Python.
- Proficiency in English.

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