

Research Fellow (Distributed Control, Security of Cyber-Physical Systems, Network Science)
Nanyang Technological University

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Posted Apr. 10, 2025, set to expire Aug. 10, 2025

Job Title	Research Fellow (Distributed Control, Security of Cyber-Physical Systems, Network Science)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Apr. 10, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Electrical and/or Electronics
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Distributed-Control--Security-of-Cyber-Physical-Systems--Network-Science-_R00020372
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Distributed-Control--Security-of-Cyber-Physical-Systems--Network-Science-_R00020372
Apply By Email	
Job Description	

School of Electrical and Electronic Engineering is one of the founding Schools of the Nanyang Technological University. Built on a culture of excellence, the School is renowned for its high academic standards and research. With over 3,000 undergraduates students and 1,000 graduate students it is

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one of the largest EEE schools in the world and ranks 4th in the field of Electrical & Electronic Engineering in the 2025 QS World University Rankings by Subjects.

Today, the School has become one of the world's largest engineering schools that nurtures competent engineers and researchers. Each year, the School graduates over a thousand students who are ready to take on great ambitions and challenges.

For more details, please view: <https://www.ntu.edu.sg/eee>

We are seeking a Research Fellow in Systems and Control whose primary focus will be developing security solutions for expanding networked cyber-physical systems. This role will involve designing, analyzing, and implementing advanced control methods that safeguard interconnected devices, networks, and physical infrastructure against evolving cyber threats. This position represents a unique opportunity to shape the future of secure, resilient cyber-physical systems.

Key Responsibilities:

- Conduct advanced research in the field of networked systems security control.
- Develop and implement novel security control strategies for networked cyber-physical systems.
- Publish research findings in high-impact journals and present at leading conferences.
- Prepare report and contribute to the preparation of research proposals and project reports.
- Assist in supervising students with their research projects.

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Job Requirements:

- Ph.D. in Electrical Engineering, Computer Science, Mechanical Engineering, or other related fields.
- Solid Mathematical and Programming skills.
- Strong expertise in networked systems and security control.
- Strong publication track record.
- Self-Motivated and takes initiative.
- Independent and can work well with a team.
- Good written and oral communication skills.

We regret to inform 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



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