

Assistant Professor (Tenure-track) in Security for
Networks and Cyber Physical Systems
Nanyang Technological University

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Posted Jul. 18, 2024, set to expire May 6, 2025

Job Title	Assistant Professor (Tenure-track) in Security for Networks and Cyber Physical Systems
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Jul. 18, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Electrical and/or Electronics Engineering - Other
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Assistant-Professor--Tenure-track--on-Security-for-Networks-and-Cyber-Physical-Systems--in-School-of-Electrical-and-Electronic-Engineering_R00017799

Apply By Email

Job Description

Nanyang Technological University (NTU) invites applications for Assistant Professor (Tenure-track) in School of Electrical and Electronic Engineering.

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Young and research intensive, Nanyang Technological University, Singapore (NTU Singapore) has 36,000 undergraduate and postgraduate students in engineering, business, science, humanities, arts, social sciences, education and medicine. In the QS World University Rankings (WUR) by Subject 2024, NTU EEE was ranked 10th position in the world and 2nd position in Asia.

Established in 1981, the SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING (EEE) 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 about 120 faculty members and an enrolment of more than 4,000, of which about 1,000 are graduate students.

Join the SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING OF THE COLLEGE OF ENGINEERING, NANYANG TECHNOLOGICAL UNIVERSITY (<http://www.eee.ntu.edu.sg>) as a faculty member and embark on a challenging and exciting career in research innovations and discoveries and teaching excellence, so as to prepare engineering leaders of the future.

Applicants should possess a relevant doctoral degree in one or more of the following areas:

- Security in Computer or Communication Networks or other Cyber Physical Systems
- Network-Layer or Protocol-Level Security
- Data Encryption and Privacy
- Blockchain Security
- Signal Processing related Security (e.g. biometrics)
- AI-based Deepfake or anti-Deepfake Techniques

Responsibilities

The job holder is expected to make useful contributions to fulfil the University's vision and mission. Specifically, the candidate is expected to:

- Develop and lead an innovative research programme of international quality
- Publish high quality papers in reputable peer-reviewed journals
- Secure competitive research grants and develop research programmes
- Supervise research personnel
- Contribute to teaching and course development at the undergraduate and postgraduate levels
- Supervise undergraduate and graduate students undertaking research projects.
- Undertake administrative and/or leadership roles.
- Contribute to other service-related activities assigned by School and University.
- Contribute to professional services

Requirements

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Candidates with the following qualifications are encouraged to apply:

- A Ph.D degree in Electrical Engineering or in a relevant discipline with an outstanding scholarship record and a strong commitment to excellence in research and teaching.
- Extensive knowledge of within his/her fields of research
- Ability and strong drive to lead and contribute to inter-disciplinary research and large-scale projects for key applications
- Evidence of a developing international reputation in his/her field of research, for example fellowships, awards, invited presentations at international conferences, journal editorships or otherwise.
- Established track record of academic publications of international quality.
- Proven track record of securing funding as Co-I or lead investigator.

Application

Applicants are invited to submit their applications (cover letter, CV, research and teaching statements, and citation report, where applicable) through the NTU career portal.

Review of applications and shortlisting decision will be on an on-going basis until the position is filled. 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

Singapore

Contact E-mail EEE-Fac-Recruit@ntu.edu.sg