

Research Associate (Computer Science /Computer  
Engineering /Mathematics /Statistics)  
Nanyang Technological University

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Posted Apr. 23, 2025, set to expire Aug. 23, 2025

<b>Job Title</b>	Research Associate (Computer Science /Computer Engineering /Mathematics /Statistics)
<b>Department</b>	Cyber Security Research Centre @ NTU
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Apr. 23, 2025
<b>Application Deadline</b>	Open untill filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Computer/Information Sciences
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Computer-Science--Computer-Engineering--Mathematics--Statistics-_R00020509">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Computer-Science--Computer-Engineering--Mathematics--Statistics-_R00020509</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Computer-Science--Computer-Engineering--Mathematics--Statistics-_R00020509">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Computer-Science--Computer-Engineering--Mathematics--Statistics-_R00020509</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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We seek a motivated Research Associate to conduct impactful research on 3GPP security. The successful candidate will build on recent work in the field. The candidate is expected to collaborate with leading researchers at NTU and publish in top-tier computer science conferences or journals.

**Key Responsibilities:**

- Conduct research on vulnerabilities detection in 3GPP specifications via LLM.
- Develop innovative ideas to enhance existing algorithms and frameworks.
- Analyse and interpret findings, ensuring scientific rigour and practical relevance.
- Prepare and submit manuscripts to leading conferences and journals such as S&P, USENIX, SIGMOD, VLDB, NeurIPS, ICML, AAAI, or ICLR.

**Job Requirements:**

- Master's degree in computer science, computer engineering, mathematics, statistics, or a related discipline with a strong computer science and mathematical foundation.
- Prior experience in cryptography and LLM is preferred.
- Track record of publication in reputable conferences or journals is a plus.
- Proficiency in programming languages relevant to algorithm implementation is desirable.
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Strong analytical thinking, problem-solving skills, and the ability to work collaboratively with top researchers.

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