

Research Associate / Research Fellow (Theoretical
Computer Science)
Nanyang Technological University

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Posted May 6, 2025, set to expire Sep. 4, 2025

Job Title	Research Associate / Research Fellow (Theoretical Computer Science)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	May 6, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Computer Science
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate---Research-Fellow--Theoretical-Computer-Science-_R00020621
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate---Research-Fellow--Theoretical-Computer-Science-_R00020621

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 2,000 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 nurture 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 hiring a Research Associate or Research Fellow in theoretical computer science to develop algorithms and/or data structures, to further our understanding of what is possible in various computation models. The Research Associate/Research Fellow is also expected to support teaching activities as required by the school.

Key Responsibilities:

- Develop algorithms and/or data structures, along with appropriate computation models.
- Perform empirical validation of the algorithms and data structures developed.
- Prepare papers and conduct presentations at seminars.
- Assist the school in various teaching activities, including instructing or supervision of labs and tutorials.

Job Requirements:

- MSc (Research Associate) or PhD (Research Fellow) in Mathematics or Computer Science or closely related fields.
- Ability to design and implement advanced algorithms and data structures.
- Independent and meticulous.
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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

Singapore