

Research Associate (Computer Science/Engineering,  
Electrical/Electronic Engineering/Mathematics)  
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=234786>

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Posted Apr. 22, 2024, set to expire Apr. 1, 2025

<b>Job Title</b>	Research Associate (Computer Science/Engineering, Electrical/Electronic Engineering/Mathematics)
<b>Department</b>	School of Computer Science and Engineering (SCSE)
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Apr. 22, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate Professional Staff
<b>Academic Field(s)</b>	Computer Science
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Associate--Computer-Science-Engineering--Electrical-Electronic-Engineering-Mathematics-_R00016800">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Associate--Computer-Science-Engineering--Electrical-Electronic-Engineering-Mathematics-_R00016800</a>

**Apply By Email**

**Job Description**

The School of Computer Science and Engineering (SCSE) invites applications for the position of Research Associate.

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Access to data is crucial for AI-empowered businesses. However, in an age of heightened user privacy awareness, access to data is not easy. The TrustFUL research program aims to bridge this gap by developing new a trustworthy federated learning paradigm characterized by fairness, transparency, accountability, robustness, security and privacy-protection.

Key Responsibilities:

- Conduct research and development work on federated learning, especially focusing on the aspect of quantum federated learning, under the project TrustFUL – Trustworthy Federated Ubiquitous Learning.
- Conduct independent research in the field of federated learning, focusing on quantum federated learning.
- Help supervise students.
- Help with federated learning technical platform design and development.
- Help with collaboration with existing industry partners.

Job Requirements:

- Master's degree in Computer Science/Engineering, Electrical/Electronic Engineering, Mathematics or other related disciplines from a reputable university.
- Good publication track record is a must.
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Previous research experience in quantum computing preferred.

- Previous research experience in the field of federated learning will be advantageous.

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