

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

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

Job Title	Research Associate (Computer Science/Engineering, Electrical/Electronic Engineering/Mathematics)
Department	School of Computer Science and Engineering (SCSE)
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Apr. 22, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate Professional Staff
Academic Field(s)	Computer Science
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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