Research Fellow (Computer
Science/Engineering/Electrical/Electronic
Engineering/Mathematic)
Nanyang Technological University

Job Title	Research Fellow (Computer Science/Engineering/Electrical/Electronic Engineering/Mathematic)
Department	School of Computer Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Mar. 19, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate Professional Staff
Academic Field(s)	Electrical and/or Electronics Computer Engineering Computer Science
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Computer-Science-Engineering-Electrical-Electronic-Engineering-Mathematics-_R00016314-1
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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.

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

The Research Fellow is required to conduct research and development work on federated learning, especially focusing on the aspect of quantum federated learning, under the project TrustFUL – Trustworthy Federated Ubiquitous

Key Responsibilities:

- Conduct independent research in the field of federated learning, focusing on quantum federated learning.

- Help supervise PhD, master and undergraduate students, and R&D staff.

- Help with federated learning technical platform design and development.

- Help with collaboration with existing industry partners.

Job Requirements:

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PhD degree in Computer Science/Engineering, Electrical/Electronic Engineering, Mathematics or other related disciplines from a reputable university.

- Good publication track record is a must.

- 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