

Research Associate (Data Science/Information
Engineering/Applied Mathematics/Information
Technology)
Nanyang Technological University

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

Job Title	Research Associate (Data Science/Information Engineering/Applied Mathematics/Information Technology)
Department	School of Chemistry, Chemical Engineering and Biotechnology (CCEB)
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 Computer Engineering
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Job Description

A Research Associate position is available in Prof. Tong Ling's Lab (<https://www.tonglinglab.com>) at Nanyang Technological University, Singapore. The successful candidate will work with our collaborative, multidisciplinary team to develop novel functional neuroimaging technology in a cutting-edge research project funded by the National Research Foundation (NRF), an unparalleled opportunity

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to engage in high-impact research and enjoy rapid personal development in a meritocratic culture.

Key Responsibilities:

- Design and implement physics-informed machine learning approaches for imaging and biophysical modeling
- Conduct experiments on cells and/or animals
- Analyze and summarize the experimental data
- Conclude the study in journal publications and patent filing

Job Requirements:

- Master's degree in Data Science, Information Engineering, Applied Mathematics, Information Technology, or other related majors.
- Demonstrated excellence in any form of machine learning approaches is required
- Experience in cell or animal experiment is highly desired
- Good at writing and presentation in English

We regret that only shortlisted candidates will be notified.

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Contact Information

Please reference Academickeys in your cover letter when
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Contact

Singapore