# Research Fellow (Electrical Engineering/Information System/Computer Science/Computer Engineering)
## Nanyang Technological University

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| **Job Title** | Research Fellow (Electrical Engineering/Information System/Computer Science/Computer Engineering) |
| **Department** | College of Computing and Data Science (CCDS) |
| **Institution** | Nanyang Technological University |
| | Singapore, , Singapore |
| **Date Posted** | Feb. 17, 2025 |
| **Application Deadline** | Open until filled |
| **Position Start Date** | Available Immediately |
| **Job Categories** | Research Scientist/Associate |
| | Faculty Associate |
| **Academic Field(s)** | Electrical and/or Electronics |
| | Computer Engineering |
| | Computer Science |
| | Engineering - Other |
| **Apply Online Here** | https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Electrical-Engineering-Information-System-Computer-Science-Computer-Engineering-_R00019827 |
| **Apply By Email** | |

## Job Description

Young and research-intensive, Nanyang Technological University, Singapore (NTU Singapore) is ranked among the world's top universities. NTU's College of Computing and Data Science (CCDS) is a leading college that is known for its excellent curriculum, outstanding and impactful research, and world-renowned faculty. Today, we are ranked #2 for AI and Computer Science by US News Best

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Global Universities; and #8 for Data Science and AI by QS World University Ranking.

A hot bed of cutting-edge technology and groundbreaking research, the College aims to groom the next generation of leaders, thinkers, and innovators to thrive in the digital age. Located in the heart of Asia, NTU's College of Computing and Data Science is an 'exciting place to learn and grow'. We welcome you to join our community of faculty, students and alumni who are shaping the future of AI, Data Science and Computing.

Cloud Application and Platform Group is a cutting-edge research group from CCDS. It is a leading research group in the area of Cloud Media Computing, Content Delivery Networks, Data Center architecture, and Big Data analytics. We are seeking for 1 motivated Research Fellow in the topic of "Digital Twin for Advanced Battery Analytics". The candidate is expected to take the following responsibilities:

**Key Responsibilities:**

- Lead research projects and cross-functional teams, including research fellows, engineers and other stakeholders;

- Plan research and development in AI and machine learning, focusing on advanced techniques such as physics-informed machine learning.

- Supervise junior graduate students;

- Write technical reports, including papers, patents and technical disclosures;

- Work closely with team members/engineers and assist in developing new features;

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Ensure responsiveness of applications;

**Job Requirements:**

- PhD Degree in Electrical Engineering, Information System, Computer Science, Computer Engineering or a related discipline;

- Industrial work experience in relevant areas highly preferred;

- Proven ability to translate theoretical insights into practical solutions;

- Proficiency in Python and relevant packages, like NumPy, Pandas, PyTorch or Tensorflow;

- Excellent verbal communication skills and good problem solving skills;

- Strong attention to detail.

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**

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Singapore