

**Research Associate (Civil Engineering)
Nanyang Technological University**

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Posted Aug. 26, 2024, set to expire May 6, 2025

Job Title	Research Associate (Civil Engineering)
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Aug. 26, 2024
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Mechanical Engineering Electrical and/or Electronics Civil Engineering Engineering - Other
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Job Description	

The School of Civil and Environmental Engineering is seeking a highly self-motivated Research Associate. The position is in civil engineering and will focus on AI technologies for intelligent underground infrastructure modeling and monitoring. The earliest starting date for the position will be Sep 2024.

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Key Responsibilities:

- Develop efficient machine learning algorithms for fault diagnosis and prognosis.
- Assist both numerical, lab and field tests of tunnel inspection.
- Publish several papers in top journals.
- Write proposals for further development.
- Mentor students

Job Requirements:

- A Master's degree in Civil Engineering, Mechanical Engineering, Electrical Engineering, or a related field.
- Extensive experience in structural analysis or machine learning.
- Excellent skills for data analytics.
- Good oral and written communication skills in English - essential for data analysis and communication with stakeholders
- A good record of referred journal publications or conference presentations is a plus

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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