

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

Direct Link: <https://www.AcademicKeys.com/r?job=243657>

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

<b>Job Title</b>	Research Associate (Civil Engineering)
<b>Department</b>	School of Civil and Environmental Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Aug. 26, 2024
<b>Application Deadline</b>	Open untill filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Mechanical Engineering Electrical and/or Electronics Civil Engineering Engineering - Other
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Civil-Engineering-_R00018250">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Civil-Engineering-_R00018250</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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