

Research Associate (Engineering/Smart Manufacturing)
Nanyang Technological University

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Posted Feb. 15, 2024, set to expire Jun. 15, 2024

Job Title	Research Associate (Engineering/Smart Manufacturing)
Department	School of Mechanical and Aerospace Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Feb. 15, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Manufacturing & Quality Engineering Engineering - Other
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Associate--Engineering-Smart-Manufacturing-_R00016148
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Job Description	

The School of Mechanical & Aerospace Engineering (MAE) invites applications for the position of Research Associate.

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Key Responsibilities:

- Defining experimental protocols for specific hardware testing and identifying challenges involved.
- Reviewing existing methodologies and identifying the gap in the literature.
- Design and development of experimental testbed.
- Conducting experimental trials and preparing database.
- Identifying suitable learning algorithms and testing on robots for proposed tasks and validating the proposed approach.

Job Requirements:

- Possess Master's degree in the field of Engineering, with preference for Smart Manufacturing.
- Experience with programming and control of Industrial Robots.
- Experience with CAD such as ANSYS and/or ROS is highly desirable.
- Good interpersonal skills.

We regret that only shortlisted candidates will be notified.

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Singapore