

Research Fellow (Flexible Electronics) Nanyang Technological University

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Posted Apr. 12, 2024, set to expire Apr. 1, 2025

Job Title	Research Fellow (Flexible Electronics)
Department	School of Materials Science & Engineering (MSE)
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Apr. 12, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Material/Metallurgy
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Flexible-Electronics-_R00016745
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Job Description	

A Research Fellow position is available at Singapore Nanyang Technological University (NTU). The main role is to design and fabricate next-generation flexible sensory devices. Potential candidates should be able to independently conduct research with strong self-motivation and exploration spirit.

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Key Responsibilities:

- Develop flexible and stretchable sensors for complex IR signal detection, advancing wearable device functionality.
- Regularly perform materials and device synthesis, fabrication and characterization.
- Publish research findings in high-impact journals and present at international conferences .
- Contribute to the mentoring and guidance of junior researchers and students, fostering an environment of learning and innovation within the project team.

Job Requirements:

- Candidates should hold a Ph.D. Degree in Materials Science and Engineering, Mechanics, Biomedical Engineering or related field.
- Expertise in IR radiation sensing, IR emission regulation.
- Solid knowledge in human-machine interaction.
- Solid knowledge in advanced manufacturing of nanomaterials and soft structures.
- Capable of design and assemble of device prototypes.

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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