

Research Assistant (Electrical Engineering) Nanyang Technological University

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Posted May 6, 2024, set to expire Apr. 1, 2025

Job Title	Research Assistant (Electrical Engineering)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	May 6, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate Professional Staff
Academic Field(s)	Electrical and/or Electronics
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Job Description

The School of Electrical and Electronic Engineering (EEE) is seeking to hire a Research Assistant to work on new device concepts for cryogenic electronics in i-Lab. The successful candidate will have access to state-of-the-art cleanroom facilities and measurement equipment, as well as opportunities for interdisciplinary collaborations.

Key Responsibilities:

Support i-Lab in the areas including:

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Electromagnetic simulation of semiconductor components

- Design and modeling of nanoelectronic devices based on compound semiconductors
- Experimental studies on nanoelectronics devices at room temperature and cryogenic temperatures

Job Requirements:

- Bachelor degree in Electrical Engineering or related field
- Knowledge in electromagnetic analysis using AWR or similar software
- Knowledge in design and simulation of RF circuits
- Knowledge in experimental methodologies to characterize RF circuits and components
- Proficiency in English is essential for conducting experimental studies
- Good team working skills

We regret to inform 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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