

Research Assistant (Electronics)
Nanyang Technological University

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Posted Feb. 5, 2024, set to expire Jun. 5, 2024

Job Title	Research Assistant (Electronics)
Department	School of Electrical and Electronic Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Feb. 5, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Electrical and/or Electronics
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Assistant--Electronics-R00016081
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Job Description	

The NTU School of Electrical and Electronic Engineering (NTU EEE) invites applications for the position of Research Assistant.

We are seeking a dedicated and skilled Research Assistant to join our dynamic research team. The ideal candidate will have a strong background in PCB design and fabrication, along with the capability to assist in various testing procedures and administrative tasks. This role is pivotal in supporting the

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team in achieving research objectives and advancing our technological innovations.

Key Responsibilities:

1. PCB Design and Fabrication:

- Design and develop Printed Circuit Boards (PCB) according to project specifications.
- Liaise with vendors for PCB fabrication, ensuring quality and adherence to timelines.
- Perform troubleshooting and rectification of PCB issues.

2. Testing Assistance:

- Assist in setting up and conducting a variety of tests on electronic components and systems.
- Collaborate with the research team to develop test procedures and documentation.
- Analyze test data and provide insightful feedback for improvements.

3. Project Support:

- Support the project team in various stages of the research and development process.
- Ensure that project milestones are met and comply with quality standards.
- Assist in the preparation of reports and presentations for internal and external stakeholders.

4. Administrative Duties:

- Coordinate and manage project-related paperwork and documentation.
- Schedule meetings and manage communication among team members.
- Oversee the maintenance and inventory of laboratory equipment and supplies.

Job Requirements:

- Bachelor's degree in Electrical Engineering, Electronics, or a related field.
- Proven experience in PCB design and fabrication.
- Familiarity with testing equipment and methodologies.
- Strong analytical and problem-solving skills.
- Excellent organizational and administrative abilities.
- Ability to work collaboratively in a team environment.
- Proficiency in relevant software tools (e.g., CAD, PCB, FPGA design software).
- Good communication skills, both written and verbal.

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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 Eunice
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Nanyang Technological University
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Singapore