

**Research Scientist (Embedded Security)  
Nanyang Technological University**

Direct Link: <https://www.AcademicKeys.com/r?job=231228>

Downloaded On: May. 9, 2024 7:43am

Posted Feb. 22, 2024, set to expire Jun. 23, 2024

<b>Job Title</b>	Research Scientist (Embedded Security)
<b>Department</b>	Temasek Laboratories@NTU
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Feb. 22, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Professional Staff
<b>Academic Field(s)</b>	Electrical and/or Electronics Engineering - Other
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Scientist--Embedded-Security-_R00016288">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Scientist--Embedded-Security-_R00016288</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Temasek Laboratories@NTU is looking for a candidate to join them as a Research Scientist.

**Key Responsibilities:**

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Conduct evaluation of state of the art embedded microcontroller and associated cryptography algorithms

- Develop and test research methods on non-invasive and semi-invasive aspects of hardware security including but not limited to: post-quantum cryptography, Embedded Security, IoT security, Hardware Forensics etc
- Responsible for device setup, device testing, data analysis and reporting
- Publish in top international venues for optimal communication of our research

**Job Requirements:**

- Minimally Master's degree in Electrical / Electronic / Computer Engineering or equivalent
- Applicants with PhD preferred
- Prior experience in working with embedded systems is required
- Prior experience with coding and evaluation of cryptography algorithms like post-quantum cryptography is required
- Coding background in either of C/Java/Assembly/Python/VHDL for analysis is required
- Creative, curious, self-motivated and a team player with good analytical and problem-solving skills

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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**

Temasek Laboratories@NTU  
Nanyang Technological University  
Singapore