

■ Job Information

Subject No.	2024R-100
Job Title	Fixed Term Researcher
Department	Cybersecurity Research Institute / Cybersecurity Laboratory
Work Contents (Research theme)	Research and Development on Hardware Security
Detail of Work Contents	<p>An applicant should develop technologies on hardware security. Examples of research topics include R&D (Research and Development) on verification of IoT (Internet of Things) devices to discover vulnerabilities and back doors. They also include R&D on verification of FPGA (Field Programmable Gate Array) boards to check if these boards malfunction or not. Before starting R&D, the applicant should discuss the research topic and scope of it with members of cybersecurity laboratory.</p> <p>The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.</p>
	<p>Employees to be hired through this recruitment may apply for external competitive research fundings such as Grant-in-Aid for Scientific Research (KAKENHI) and NICT' s internal research fundings.</p>
Application requirement	<p>1. It is preferable that the applicant satisfies at least one of the following three conditions: (a) Research experience and accepted journal papers in cybersecurity area. (b) Research experience and accepted journal papers in hardware-security area. (c) Research experience and accepted journal papers in hardware areas like IC (Integrated Circuit) and FPGA, and research interests including hardware security. 2. Practical experience in analyzing hardware and firmware. 3. Doctral degree or equivalent experiences. 4. Detailed research proposal on future research plan is required upon application (any format is acceptable).</p>
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2025 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to 5 years if certain conditions are fulfilled
Salary (basic salary)	¥484,000 ~ ¥516,000/month Basic salary shall be determined by taking into account each employee's experience and task to be engaged in. However, as a basic salary is compliant with government employees' wages, it shall be changed when a basic salary is changed after labor union and the like of NICT agreed under a revision to the government employees' wages.
Work Place	Headquarters (Koganei-shi, Tokyo)
Working frequency	5days/week (7.5hours/day)

Department name and work place including work contents (research theme) and detail of work contents might change according to organizational change, etc.

Scope of change in work and workplace : No changes are expected in general.