

■ 公募情報

Subject No.	2024R-106
Job Title	Research Assistant
Department	Cybersecurity Research Institute Cybersecurity Laboratory
Work Contents (Research theme)	A Research on Data-driven Cybersecurity
Detail of Work Contents	In our laboratory, we are developing countermeasures against cyber-attacks by using observation and data analysis technologies. Specifically, we conduct research and development on cybersecurity applications that enable automatic detection of cyber-attacks by processing heterogeneous data such as observation data from various honeypots, malware samples and their analysis results, analysis of cryptographic communications, and open source intelligence (OSINT) in real-time. An employee will collect and organize data, create tools, and conduct evaluations under the guidance of the researcher in charge.
	The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.
Application requirement	<p>Students who have a duty to devote themselves, such as a Research Fellowship for Young Scientist of the Japan Society for the Promotion, cannot apply.</p> <ul style="list-style-type: none"> <li>* Interested in research and development related to cyber security or network protocols.</li> <li>* Able to work with programming languages such as Python, B42, and Java.</li> <li>* Able to do programming related to data processing, programming to operate IoT devices, or programming to analyze network traffic.</li> <li>* Be Able to communicate smoothly with collaborators inside and outside the lab, and engage in research in collaboration and cooperation.</li> </ul> <p>The ideal candidate will have expertise in AI technologies such as machine learning and data mining, communication technologies, or cyber security research and development or qualifications in cyber security and network protocol technologies.</p>
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2025 N.B. Contract could be renewed.
Contract period	Up to 5 years if certain conditions are fulfilled
Salary (basic salary)	<p>10,530JPY ~ 15,090/day</p> <p>The daily wage for undergraduate students is 10,530 yen, the daily wage for first semester doctoral students is 12,900 yen, and the daily wage for second semester doctoral students is 15,090 yen.</p> <p>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.</p>
Work Place	Headquarters, or Cybersecurity Recurrent Evolution Center (Koganei-shi, Tokyo or Musashino-shi, Tokyo)
Working frequency	3days/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.