

■ Job Information

Subject No.	2017R-49
Job Title	Fixed Term Researcher
Department	Cybersecurity Research Institute / Cybersecurity Laboratory
Work Contents (Research theme)	R&D on automated Cyberattack detection technology using computational intelligence
Detail of Work Contents	<p>Carry out R&D on automated Cyberattack detection technologies against emerging cyberattacks by taking advantage of machine learning and data mining techniques. This R&D applies AI technologies (e.g., machine learning, deep neural network, and data mining) for automated Cyber attack detection using heterogeneous security big data such as huge traffic logs, alerts from security appliances, monitoring results by several honeypots, malware samples and their analysis results, open source intelligence, etc.</p> <p>The Article 15-2 of the Research and Development Enhancement Act will be applied to this work content.</p>
Application requirement	<p>A candidate must hold a Ph.D. degree (engineering or science) or be in a position to acquire a Ph.D. degree by the date he/she enters NICT. Otherwise, a candidate has high expertise and/or enough research achievements equivalent to Ph.D holders on this R&D field.</p> <p>A candidate must have the willingness to carry out R&D in Cybersecurity field.</p> <p>A candidate must have R&D experience in AI technologies (e.g., machine learning and data mining) and/or Cybersecurity technologies. Or, he/she must have R&D experience in related fields and a strong interest in Cybersecurity research.</p> <p>A candidate must have adequate communication and teamwork skills to carry out research cooperation and coordination between team members and collaborators.</p>
Recruiting (Number of people)	2
Period of Employment	<p>hiring date ~ March 31,2018</p> <p>N.B. Contract could be renewed.</p>
The last end date of the employment period in case of fully renewing	March 31,2021
Salary (basic salary)	<p>¥464,000 ~ ¥508,000/month</p> <p>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.</p>
Work Place	Headquarters (Koganei-shi, Tokyo)
Working frequency	5 days/week

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