

■ Job Information

Subject No.	2020R-6
Job Title	Fixed Term Researcher
Department	Open Innovation Promotion Headquarters, Social Innovation Unit, AI Science Research and Development Promotion Center / Collaborative Research Laboratory of AI Science Additional Post: Cybersecurity Research Institute / Cybersecurity Laboratory
Work Contents (Research theme)	Research and development of automated countermeasure utilizing machine learning and data mining technology for cyber attacks
Detail of Work Contents	<p>It is essential to actively utilize machine learning technology for the automation of cybersecurity countermeasure. This research aims to develop technology of automated various security operations by using natural language processing and machine learning for various kinds of selected data. This research will be promoted especially based on the evaluation of machine learning applicability on datasets that NICT has already possessed (darknet data, Livenet data, Android APK file etc.)</p> <p>The Article 15(2) of the Act on the activation of Science and Technology and Innovation will be applied to this work content.</p>
Application requirement	Research and development experience of utilizing machine learning and data mining in cyber security field is required. Besides, programing experience in the field must be needed. In order to prove these experiences, applicant must have published articles in research journals and international conferences. Also, applicant must be able to cooperate with other laboratory members and to promote the research in team.
Recruiting (Number of people)	1
Period of Employment	hiring date ~ March 31,2021 N.B. Contract will not be renewed..
Salary (basic salary)	¥467,000 ~ ¥510,000/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.