■ Job Information

Subject No.	2027R-13
Job Title	Fixed Term Researcher
Department	Universal Communication Research Institute / Data-driven Intelligent System Research Center
Work Contents （Research theme)	Research and Development on AI complex technology and Active LLM Evaluation Platform
Detail of Work Contents	The successful candidate will engage in research and development of AI complex technology that coordinate diverse AI systems, including enables safe, secure and highly efficient collaboration between humans and the AI by coordinating diverse AI, including Large Language Models (LLMs), to enhance AI creativity, diversity, and reliability, thereby enabling safe, trustworthy, and highly efficient collaboration between humans and AI. The candidate will also contribute to the development of the Active LLM Evaluation Platform, which evaluates the reliability and trustworthiness of LLMs. The platform leverages AI complex technologies to identify the weakness and limitations of LLMs by automatically generating challenging red-teaming prompts and evaluating model responses. In particular, it generates prompts from various perspectives, including whether an LLM appropriately reflect Japan-specific cultural and social contexts and whether it exhibits safe and responsible behavior. The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.
	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.
Application requirement	Ph.D. in Engineering, Science, Physics, Computer Science, or a related discipline. Experience in natural language processing (NLP) and large-scale data analysis is desirable but not mandatory. Experience in developing Large Language Models (LLMs), such as GPT, or LLM-based applications will be highly valued. Experience in research and development of deep learning models for multimodal data, including text, images, and speech, will be highly valued. A strong record of research achievements and scientific publications in relevant fields and/or experience in the commercialization of advanced IT services and technologies will be highly valued. Proficiency in Python programming and experience developing neural network models using frameworks such as PyTorch are required. Experience with Java, C, C++, or similar programming languages is desirable.
Recruiting (Number of people)	1
Contract period	hiring date ～ March 31,2028 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to 5years if certain conditions are fulfilled
Salary (basic salary)	¥541,000 ～ ¥558,000/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	Universal Communication Research Institute (Seika-cho, Soraku-gun, Kyoto)
Working frequency	5days/week （7.5hours/day）

* Scope of change in work and workplace：No changes are expected in general
* The expressions used in "Work Contents (Research theme)" and "Detail of Work Contents" and the names of "Department" and "Work Place" may be subject to change due to organizational restructuring or other reasons.

NICT Fixed Term Positions Job Announcement: https://www.nict.go.jp/en/employment/index-e-top.koubo.html