

광주과학기술원 AI융합학과 김선동 교수 연구실 연구직(Post-Doc)

채용 직무기술서

구분	직종	연구직	채용분야	연구개발
NCS 분류체계	20.정보통신	01.정보기술	07.인공지능	03.인공지능모델링
기관 주요사업	<ul style="list-style-type: none"> ○ 고급 과학 기술 인재 양성 ○ 산업계 및 외국과의 협동 연구 수행 및 연구 교류 촉진 ○ 국가 과학기술 및 지역 균형발전에 이바지 			
Summary	<p>We are hiring a postdoctoral researcher working toward Artificial General Intelligence (Abstraction and Reasoning project – Solving ARC-AGI and rich math problem). Our group has around 15 undergraduate/MS-PhD members and one postdoctoral researcher in this domain, and the project is attracting international communities you can make use of this chance to lead the project and increase your visibility. You will define and lead some research directions and supervise students working on the project. GIST AI graduate school has HPC with ample A100 GPUs. This position is 100% research-oriented with no teaching duties.</p>			
Responsibilities & Attitudes	<p>As a postdoctoral researcher in GIST AI, you will develop your research career as a leader of a research team evolving at a rapid pace. We are looking for active learners who can collaborate across a diverse and global team and are comfortable dealing with ambiguity.</p> <ul style="list-style-type: none"> - Self-motivated individuals who enjoy challenges to explore unsolved problems. - Innovative thinker who should be able to take initiative but can also follow a research plan and work as part of a multi-disciplinary team - Sharing your technical and communication skills to junior talents 			
Remuneration	<p>The current position is non-tenure track. The appointment is initially for one year starting from March~May 2025. The contract can be extended by multiple years based on the evaluation. The gross salary is KRW 45 million per year, with standard Korean social insurance benefits. The salary is negotiable if you carry your own scholarship (such as NRF fellowship or BP program). GIST has a beautiful campus and the city center is just next to the campus.</p>			
Qualifications	<p><Required Qualifications></p> <ul style="list-style-type: none"> - Must have a Ph.D. degree from an accredited university in a relevant discipline, such as artificial intelligence, computer science, cognitive science, applied mathematics, or closely related disciplines. - Candidates should be Ph.D. degree holders by the appointment date. - Experience in self-directed research in machine learning - Hands-on experience in implementing and evaluating machine learning approaches and systems (PyTorch or TensorFlow) 			

	<ul style="list-style-type: none"> - Fluent written and verbal communication skills in English. - Two first-authored publications in top-tier venues in the candidates field (e.g., NeurIPS, ICML, ICLR, KDD, CVPR, ACL, CHI) <p>Preferred Qualifications</p> <ul style="list-style-type: none"> - Strong understanding of state-of-the-art deep learning approaches for representation learning and reinforcement learning, ideally applied to the domain of abstraction and reasoning. - Product deployment experiences. - Track record of publications in top-tier venues in the candidates field, ideally co-advised publications with junior students. (e.g., NeurIPS, ICML, ICLR, KDD, CVPR, ACL, CHI)
References	<ul style="list-style-type: none"> - See our recent publications to know our research interest: https://sundong.kim/publications/
Timeline	<ul style="list-style-type: none"> - Submit your application form to ejcho@gist.ac.kr by Feb 24, 2025. - Successful candidates will be interviewed and notified until the mid March. - Expected starting date is no later than May 31, 2025. (Apr ~ May)