

Position/Organization

Applied Research Scientist (Data Intelligence/Vision/Language) / Applied Research Lab

Location

LG Science Park (30, Magokjungang 10-ro, Seoul, South Korea)

Organization Introduction

Applied Scientists at Data Intelligence/Vision/Language Lab research high-end A.I. algorithms to solve challenging problems. One of the key benefits is the opportunity to use various data within LG to define and solve different issues and problems.

Recruitment Fields & Qualifications

Field	Responsibility	Qualifications
Machine Learning/Deep Learning Researcher	<ul style="list-style-type: none">- AI algorithm research & development using Deep Learning/Machine Learning skills for data analysis and prediction- Improve efficiency of work, R&D, productivity improvement and product/service by applying the latest Deep Learning and Machine Learning algorithm- Related algorithm: Anomaly/Novelty Detection, Prediction, Time-Series Forecasting, Variational AutoEncoder, Generative Adversarial Network, Reinforcement Learning, Explainable AI, etc.- Main application fields: Predictive Maintenance, Demand Forecasting, Price Forecasting, Usage Forecasting, Planning Optimization, Operations Optimization, Recommendation, etc.	<p>[Minimum Qualifications]</p> <ul style="list-style-type: none">- Master's degree (M.S.) in a related field or 3+ years of industry experience related to Data Intelligence- Algorithm research/development experience in Deep Learning/Machine Learning field- Experience with Machine Learning Framework such as Keras, Tensorflow, PyTorch, Caffe, etc.- Experience with programming languages such as Python, C/C++, and Java <p>[Preferred Qualifications]</p> <ul style="list-style-type: none">- Ph.D degree in a related field- Machine Learning thesis publication or contest winning experience (e.g. ICML, NeurIPS, etc.)
Computer Vision Researcher	<ul style="list-style-type: none">- Fundamental Research & Development on Computer Vision/ Deep Learning / Machine Learning Algorithm- Main Research Field: Object Recognition, Facial Recognition, Visual Q&A, GAN-based Data Augmentation, Vision Inspection, Facial based Video Interview, Virtual Assistant based 3D Avatar, Scene Understanding, etc.	<p>[Minimum Qualifications]</p> <ul style="list-style-type: none">- Masters of Science/Engineering(M.S./M.E) /Ph.D degree in a related field.- Experience with R&D of Computer Vision/ Deep Learning/ Machine Learning Algorithm- Expertise in the application of programming language such as Python, C/C++, Java- Expertise in the latest Machine Learning Framework(e.g., Keras, Tensorflow, PyTorch, etc. <p>[Preferred Qualifications]</p> <ul style="list-style-type: none">- Top-tier AI-related thesis publication or AI Challenge winner (ex. CVPR, ICCV, ECCV, etc.)
NLP/Chatbot Researcher	<ul style="list-style-type: none">- Research and development of algorithms and optimization of large-scale language models (BERT, GPT, etc.)- Machine Reading Comprehension and Q&A technology research and development- Large-scale text analytics research and development (NER, Keyword, Topic Analysis, summarization etc.)- Research and development of deep learning-based dialogue and generation models (NLU, dialogue model, NLG, etc.) documentation, and publishment.	<ul style="list-style-type: none">- Ph.D in the relevant field or equivalent professional experience- Understanding the latest deep learning natural language processing technology and ability to implement code (Tensorflow, etc.)- AI research achievements (top-tier academic papers, open-source activities) are preferred

Process

CV/Application Review → Technical In-depth Interview (Online) → Coding Test (Optional) → Final Interview + Culture Fit (Onsite)

* Our Hiring process may differ from role to role. We will provide detail guidelines after we receive your application.