

Jiwon Park

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Education

Yonsei University

Master of Engineering in Artificial Intelligence

Mar 2020 – Feb 2022 | Seoul, South Korea

Korea University

Bachelor of Science in Computer Science and Engineering

Mar 2016 – Feb 2020 | Seoul, South Korea

Work Experience

Machine Learning Engineer | LG AI Research | Mar 2022 - Present | Seoul, South Korea

- Developed and deployed computer vision models for image recognition and object detection tasks using TensorFlow and PyTorch.
- Optimized models for deployment on edge devices and cloud platforms.
- Worked on multimodal learning projects combining vision and language data.
- Processed large-scale image and video datasets using tools like OpenCV and FFmpeg.
- Collaborated with researchers and product teams to integrate AI capabilities into LG products.

Skills

Programming: Python, C++, Java (Basic)

Machine Learning: TensorFlow, PyTorch, Keras, Scikit-learn, OpenCV, Pillow

Computer Vision: Object Detection (YOLO, SSD, Faster R-CNN), Image Classification, Semantic Segmentation, Image Generation (GANs basics), Video Analysis

Deep Learning: CNNs, RNNs (LSTM/GRU), Transformers (Vision Transformers - ViT)

Tools: Git, Docker, Jupyter Notebooks, Linux

Cloud Platforms: AWS (SageMaker, S3, EC2), GCP (Vertex AI basics)

Methodologies: MLOps (Basic - MLflow, Kubeflow exposure), Model Optimization (Quantization, Pruning basics), Data Augmentation

Other Skills: Multimodal Learning, Data Preprocessing

Certificates

TensorFlow Developer Certificate

Coursera: Deep Learning Specialization ([deeplearning.ai](https://www.coursera.org/deeplearning))

Awards

LG AI Research - Innovation Project Award 2023