



Mijin Goo

Machine Learning Engineer

Email

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Website

<https://goOleum.github.io/>

Phone

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Address

Seoul, Republic of Korea

Education

Jeonnam Science High School
Feb 2020 - March 2017

Konkuk University
GPA 4.04/4.5
Major GPA 4.23/4.5
Aug 2025 - March 2020

Socials

mijin-goo-b52013309
Linkedin

goOleum
GitHub

Languages

Korean
Native

English
Intermediate

Latest projects

Construction Resource Management using Reinforcement Learning
Construction Management, Reinforcement Learning, Simulation

https://github.com/goOleum/crm_rl_iot.git

Automated Sports Commentary Generation-Gemmantary
Gemma, Video-LLaMA, Multi-Modal, LLM, RAG, NLP

<https://github.com/fesua/Gemmantary.git>

Autonomous Fire Detection System
CNN, Classification Activation Map, Fire Detection, Computer Vision

<http://lightvision.ai/aiparking.html>

Nearest Neighbors Adaptive Rockhead Depth Prediction
Spatial Interpolation, Machine Learning, borehole data

https://github.com/goOleum/rockhead_prediction.git

Experience

Research Assistant
Smart City Lab
Participated in the Ministry of the Interior and Safety's disaster safety management dashboard project, organizing equipment required for disaster response and investigation.

May 23 - Jan 2021
Seoul, Republic of Korea

AI Research
LightVision Inc.
Developed a fire detection model for parking lot safety management. Additionally, contributed to the development of a facial recognition system.

June 24 - June 2023
Seoul, Republic of Korea

Certification

Google Developer Group
Google Machine Learning Bootcamp
Oct 2024

Deep Learning.AI
Deep Learning Specialization
Oct 2024

HRD Korea
정보처리기사
Aug 2024

KData
SQLD
Aug 2024

Skills

AI Engineering

CNN
Convolution Neural Network

ViT
Vision Transformer

Reinforcement Learning

Multi-Modal

LLM

Development

Python

• Pytorch
• Tensorflow

HTML

Restful API

Flask
Django