Mijin Goo

Machine Learning Engineer

Email
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Website
https://go0leum.github.io/

Phone
(+82) 010 7457 5590

Address
Seoul, Republic of Korea

Education

Jeonnam Science High School
Feb 2020 - March 2017

Konkuk University
GPA 4.1/4.5
First Major GPA 4.23/4.5
Civil & Environmental Engineering
Second Major GPA 3.85/4.5
Computer Engineering
Aug 2025 - March 2020

Socials

mijin-goo-b52013309
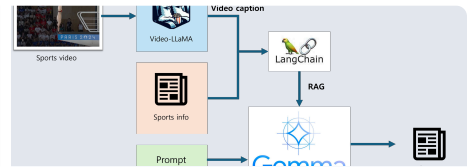Linkedin

go0leum
GitHub

Languages

Korean
Native

English
Intermediate

Latest projects

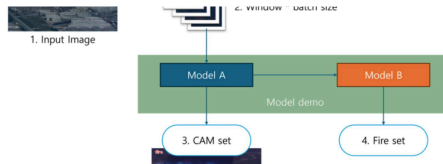### Construction Resource Management using Reinforcement Learning
Construction Management, Reinforcement Learning, Simulation

🔗 https://github.com/go0leum/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, Classfication Activation Map, Fire Detection, Computer Vision

🔗 http://lightvision.ai/aiparking.html
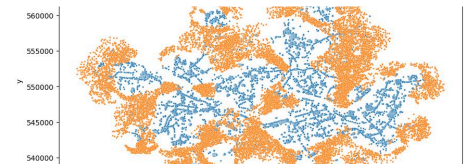
Nearest Nearbors Adaptive Rockhead Depth Prediction
Spatial Interpolation, Machine Learning, borehole data

🔗 https://github.com/go0leum/rockhead_prediction.git

Experience

	Research Assistant	May 23 – Jan 2021
	Smart City Lab	📍 Seoul, Republic of Korea

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

	AI Research	June 24 – June 2023
	LightVision Inc.	📍 Seoul, Republic of Korea

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

Certification

Google Developer Group	Deep Learning.AI	HRD Korea	KData
Google Machine Learning Bootcamp	Deep Learning Specialization	정보처리기사	SQLD
Oct 2024	Oct 2024	Aug 2024	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