

Education

Gwangju Institute of Science and Technology

March. 2025 – Feb. 2027

- M.S. in AI Engineering
- Paper: (Not published yet)
- GPA: 4.5 / 4.5

Inha University, Incheon, South Korea

March, 2019 - Feb. 2025

- B.S. in Computer Engineering
- GPA: 4.33 / 4.5

Publication

(Not published yet)

Participated Projects

Domain-Specific NER for Korean Legal Doc.

July, 2024 - Nov, 2024

Developed a fine-tuned NER system based on KLUE-BERT for legal documents such as court rulings and investigation reports.

- Fine-tuned KLUE-BERT for domain-specific Korean legal text.
- Improved entity recognition accuracy for legal terms and structures.

LSTM-AE-Based Anomaly Detection System

Sep, 2024 - Dec, 2024

Developed a real-time anomaly detection system for motor sensor data streams, awarded Inha University Department Head's Award.

- Built an LSTM-Autoencoder model for anomaly detection on time-series data.
- Implemented a data pipeline for real-time analysis of streaming motor sensor data.
- Deployed the system for real-world applications in industrial motor anomaly detection.

Research Internship

Digital Twin and Learning Lab.	Dec, 2023 – April, 2024
Intelligent Mobile Lab.	June, 2024 – Dec, 2024

Honors and Awards

Dean’s Award on Capstone Design Project	Dec. 17, 2024
Academic Excellence Award	Sep. 14, 2023
Honor Student for All 8 Semesters	
AI Security Hackathon 1 st Prize	Aug. 21, 2025

Certificates

SQLD	Dec. 2, 2022
TOPCIT, Level 3(476)	May. 18, 2024
TOEIC, Advanced High (960)	Mar. 31, 2024
New TEPS, Level 2+ (443)	Aug. 31, 2024
OPIC IH(Intermediate High)	Apr. 28, 2025

Skills and Qualifications

Programming Language C/C++, Python	Deep Learning Frameworks PyTorch, TensorFlow
Open Source Platforms HuggingFace, Git/GitHub	Container Technologies Docker, Kubernetes(k8s)
Soft Skills Data Analysis, Collaborative Development	