



MyungHak Lee

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🐙 [GitHub Profile](#)

🌐 [Portfolio](#)

Education

- 국민대 컴퓨터 공학과 학사 졸업 (GPA: 3.67 / 4.5, Percentile: 90.50 / 100) Mar 2014 ~ Feb 2021
- 국민대 컴퓨터 공학과 석사 졸업 (GPA: 4.25 / 4.5, Percentile: 97.10 / 100) Mar 2021 ~ Aug 2023
- 국제 공동 연구, 해외 파견 - 미국 UC Irvine Apr 2022 ~ Aug 2022

Research Area of Interest

- Knowledge Distillation
- Trajectory Prediction
- Computer Vision
- Knowledge Graph

Computer Skills

- Programming language: Python, C, C++, SQL
- Framework: Torch, TensorFlow

Publication (International)

- Myunghak Lee, Wooseong Cho, Sungsik Kim, Jinkyu Kim, Jaekoo Lee*, “Distillation for High Quality Knowledge Extraction via Explainable Oracle Approach”, The British Machine Vision Conference (BMVC), Aug 2023. [Link](#)

Publication (Domestic)

- Myunghak Lee, Jaekoo Lee*, “Domain Generalization of Trajectory Prediction through Knowledge Distillation”, Korea Institute of Communication Sciences (KICS), Feb 2023. [Link](#)
- Myunghak Lee, Jaekoo Lee*, “Effect of Soft Labels Using Knowledge Distillation on Link Prediction Tasks”, Korea Institute of Communication Sciences (KICS), Jun 2022. [Link](#)
- Myunghak Lee, Jaekoo Lee*, “Effect of Entity Type on Performance in Link Prediction Task for Knowledge Graph Completion”, Korea Institute of Communication Sciences (KICS), Nov 2021. [Link](#)
- Myunghak Lee, Jungmin Eom, Heyjin Lee, Jungmin Ha, Seungjin Han, Jaekoo Lee*, “Learning the link prediction model using knowledge-based triplet dataset extracted from document data”, Korea Institute of Communication Sciences (KICS), Jun 2021. [Link](#)
- Myunghak Lee, Daehee Kim, Seongsil Heo, Jaekoo Lee*, “Effects of Corrupted Labeling on Lightweight deep Neural Networks”, IEMEK Symposium on Embedded Technology (ISET), May 2021. [Link](#)
- Myunghak Lee, Youngjun Yoo, Youngwan Jo, Jaekoo Lee*, “Transfer learning for object detection in infrared image”, Korea Institute of Communication Sciences (KICS), Aug 2020. [Link](#)
- MyungHak Lee, Junha Song, Juhee Kang, Jaekoo Lee*, “Style Transfer Maps from Satellite Images by using Generative Models”, Korea Institute of Communication Sciences (KICS), Feb 2020. [Link](#)
- Sungsik Kim, Hyunae Cho, Myunghak Lee, Jaekoo Lee*, “Bridging the Gap between Simulation and Real-world: Enhancing Object Detection in Autonomous Vehicles”, Korea Institute of Communication Sciences (KICS), Feb 2023. [Link](#)
- Jungmin Eom, Myunghak Lee, Daehee Kim, Seongsil Heo, Jaekoo Lee*, “Analysis of CNN Robustness According to Labeling Randomization in Image Classification”, IEMEK Symposium on Embedded Technology (ISET), Jun 2021. [Link](#)

- Youngjun Yoo, Daehee Kim, Myunghak Lee, Jaekoo Lee*, “Simulated Data Based Deep Neural Network Training for Underground Cavity Detection”, Korea Information Processing Society (KIPS), May 2021. [Link](#)
- Youngjun Yoo, Daehee Kim, Myunghak Lee, Woong Kang, Jaekoo Lee*, “Underground Cavity Detection using Deep Neural Network (DNN) Trained on Simulated Data”, Korea Institute of Communication Sciences (KICS), Aug 2020. [Link](#)
- Youngwan Jo, Myunghak Lee, Daehee Kim, Jaekoo Lee*, “Recognizing Transportation Vulnerable Using Deep Neural Network Based Object Detection”, Korea Institute Of Communication Sciences (KICS), Aug 2020. [Link](#)

Project

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| ■ 복잡한 실제 주행환경에서 설명 가능한 움직임 예측, 한국 연구재단 | Mar 2023 ~ Jul 2023 |
| ■ 사이버대응기술연구회, 국가보안연구소 | Sep 2022 ~ Nov 2022 |
| ■ 그래프 러닝 및 해커톤, Space-S x KaKR | Sep 2022 ~ Oct 2022 |
| ■ 공개 위협정보 지식그래프 기반 AI 추천기술 연구, 국가보안연구소 | May 2021 ~ Nov 2021 |
| ■ 지속가능하고 견고한 자율주행 인공지능 교육/개발 통합 플랫폼, IITP | Mar 2021 ~ Dec 2022 |
| ■ Object Detection on Thermal Image, Capstone project. Link | Mar 2020 ~ Jun 2020 |

Teaching Assistant

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| ■ Programmers KDT(K-Digital-Training) 6th TA | Sep 2023 - Feb 2024 |
| ■ Programmers KDT(K-Digital-Training) 5th TA | Jun 2023 - Aug 2023 |
| ■ Programmers KDT(K-Digital-Training) 4th TA | Oct 2022 - Feb 2023 |
| ■ Programmers KDT(K-Digital-Training) 3rd TA | Dec 2021 - May 2022 |
| ■ Programmers KDT(K-Digital-Training) 2nd TA | May 2021 - Sep 2021 |
| ■ 2022 컴퓨터 프로그래밍 TA | Sep 2022 - Dec 2022 |
| ■ 2021 컴퓨터 프로그래밍 TA | Sep 2021 - Dec 2021 |