

Minseok Kim

Ph.d candidate in KAIST
Advisor: Kuk-Jin Yoon

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PERSONAL DATA

- **Birth / Nationality:** 24th January, 1998 / Republic of Korea
- **Language:** Korean(First language), English

EDUCATION

- **Korea Advance Institute of Science and Technology (KAIST)** Daejeon, South Korea
Ph.d candidate in Mechanical Engineering March 2025 - Present
Advisor: Kuk-Jin Yoon
- **Korea Advance Institute of Science and Technology (KAIST)** Daejeon, South Korea
MS candidate in Mechanical Engineering March 2023 - February 2025
Advisor: Kuk-Jin Yoon
- **Hanyang University** Seoul, South Korea
BS in Mechanical Engineering March 2017 - February 2023

RESEARCH INTEREST

- **Computer Vision and Deep Learning**
 - LiDAR, Radar
 - Dataset Distillation

PUBLICATIONS

- Jongoh Jeong*, Hoyong Kwon*, **Minseok Kim*** and Kuk-Jin Yoon
“Multimodal Distribution Matching for Vision-Language Dataset Distillation,” The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2026. ** denote the equal contribution*
- **Minseok Kim**, Jiyong Boo and Kuk-Jin Yoon
“Generalized Category Discovery for LiDAR Semantic Segmentation,” The Winter Conference on Applications of Computer Vision (WACV), 2026.
- Hyeonseong Kim*, Sung-Hoon Yoon*, **Minseok Kim** and Kuk-Jin Yoon
“On-the-fly Category Discovery for LiDAR Semantic Segmentation,” European Conference on Computer Vision (ECCV), 2024. ** denote the equal contribution*
- Yujeong Chae, Hyeonseong Kim, Changgyoon Oh, **Minseok Kim**, and Kuk-Jin Yoon
“LiDAR-based All-weather 3D Object Detection via Prompting and Distilling 4D Radar,” The European Conference on Computer Vision (ECCV), 2024.

RESEARCH EXPERIENCES

- **Research Project** March 2025 – Present
“Development of Mobility and Connectivity Platform for Unmanned Autonomous Delivery”
Funded by Korea Government (The Ministry of Trade, Industry & Energy, MOTIE)
- **Research Project** March 2023 – Present
“Development of quadrupedal robot system technology for surveillance, reconnaissance, and search missions”
Funded by Korea Government (Agency for Defense Development, ADD)
- **Undergraduate Internship** June 2022 – November 2022
“Dyros Robotics Bootcamp”
- **Capstone Design** 2023 Spring
“4-link Fruit Harvesting Robot using Sensor Fusion Algorithm using Depth Camera”
- **Student Formula (EV) Project** July 2020 – December 2021
“Attended Student Formula (EV) at KSAE 2021, Team RACE”

HONORS AND AWARDS

- Summa Cum Laude, Hanyang University 2023 Spring
- IC-PBL Scholarship, Hanyang University 2023 Spring
- Hanyang Brain Scholarship, Hanyang University 2017 Spring