Hyuk Kwon

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EDUCATION

Ph.D. in Statistics and Data Science, Yonsei University — Seoul, Korea
Advisor: Kibok Lee — Mar 2022 – Present

B.S. in Applied Statistics, Yonsei University — Seoul, Korea
GPA: 3.84/4.3, Major GPA: 3.99/4.3 — Mar 2016 – Feb 2022

PUBLICATIONS

[4] **Good Rankings, Poor Choices? Rethinking Language-Only Vision–Language Model Selection** — Under review
Hyuk Kwon, Jaebyeong Jeon, Hyeonseo Jang, Kibok Lee

[3] **Enhancing Continual Learning of Vision-Language Models via Dynamic Prefix Weighting** — CVPR 2026
Hyeonseo Jang, **Hyuk Kwon**, Kibok Lee

[2] **Automated Model Evaluation for Object Detection via Prediction Consistency and Reliability** — ICCV 2025
Seungju Yoo, **Hyuk Kwon**, Joong-Won Hwang, Kibok Lee
Oral Presentation; Best Paper Award Candidate

[1] **Rethinking Open-World Semi-Supervised Learning: Distribution Mismatch and Inductive Inference** — CVPRW 2024
Seongheon Park*, **Hyuk Kwon***, Kwanghoon Sohn, Kibok Lee (* Equal contribution)

PROJECTS

Automated Model Evaluation for Object Detection — Mar 2024 – Dec 2024
- Project focused on label-free evaluation of object detection models under weather-induced distribution shifts.
- Led overall project execution as project manager, coordinating project direction, task allocation, and integration of team members' contributions.
- Funded by the Electronics and Telecommunications Research Institute (ETRI).

Multi-View Autonomous Driving Dataset Construction — Aug 2023 – Dec 2023
- Contributed to dataset construction by annotating objects in a public multi-view autonomous driving dataset for object detection training and evaluation.
- Funded by the Electronics and Telecommunications Research Institute (ETRI).

TEACHING EXPERIENCE

Samsung SDS – Teaching Assistant
- Samsung AI Expert: LLM Unlearning — Nov 2025
- Samsung AI Expert: CV-Oriented Foundation Models — Nov 2024
- Samsung AI Expert: OOD detection & Semi-Supervised Learning — Nov 2024

Yonsei University – Teaching Assistant
- Statistical Machine Learning — Spring 2022, Spring 2023
- Computer Vision for Data Science — Fall 2022, Fall 2023

ADDITIONAL

Skills: Python, PyTorch, R
Military Service: 9th Airborne Special Forces Brigade — Sep 2017 – May 2019
Awards: Academic Excellence Awards — Spring 2020, Fall 2021