

DAEUN LEE

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RESEARCH INTERESTS

- **Reliability of Multimodal LLMs** : OOD Generalization, Evaluation Metrics for Faithfulness
- **Video Generation/Understanding**
- **Embodied AI**: Perception in Robot Learning, Autonomous Driving

EDUCATION

The University of North Carolina at Chapel Hill

Ph.D. Computer Science (Advisor: Mohit Bansal)

- Research Assistant fellowship

NC, United States

Aug. 2024 —

Korea University

B.E. Department of Statistics

- Special scholarship for outstanding students

Seoul, South Korea

Mar. 2019 — Feb. 2024

PUBLICATIONS

[P2] VideoRepair: Improving Text-to-Video Generation via Misalignment Evaluation and Localized Refinement

[Daeun Lee](#), Jaehong Yoon, Jaemin Cho, Mohit Bansal.

Preprint (ICCV 2025 Under review)

[C4] BECoTTA: Input-dependent Online Blending of Experts for Continual Test-Time Adaptation

[Daeun Lee*](#), Jaehong Yoon*, Sung Ju Hwang.

International Conference on Machine Learning (ICML), 2024

[C3] HD Maps are Lane Detection Generalizers: A Novel Generative Framework for Single-Source Domain Generalization

[Daeun Lee](#), Minhyeok Heo, Jiwon Kim.

CVPR Data-Driven Autonomous Driving Simulation Workshop (CVPRW), 2024

[C2] Resolving Class Imbalance for LiDAR-based Object Detector by Dynamic Weight Average and Contextual Ground Truth Sampling

[Daeun Lee](#), Jinkyu Kim.

IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2023

[C1] Bridging the Domain Gap towards Generalization in Automatic Colorization

Hyejin Lee, Daehee Kim, [Daeun Lee](#), Jinkyu Kim and Jaekoo Lee.

European Conference on Computer Vision (ECCV), 2022

[P1] Trajectory Prediction by Clustering Human Interactions at Multiple Scales

Chiho Choi*, [Daeun Lee*](#), Srikanth Malla, Sangjae Bae, Jinkyu Kim.

Preprint

ACADEMIC SERVICES

Reviewer

- CVPR 2022-2025, ECCV/ICCV 2022-2024, AAAI 2025, ACL 2025

Invited Talks

- Jan 2025. Cisco. ‘Reliable Text-to-Video Generation (Review of VideoRepair [P2])’

RESEARCH EXPERIENCES

UNC Chapel Hill

Graduate Research Assistant (Supervisor: Mohit Bansal)

NC, United States

Aug.2024 — Current

KAIST

Research Intern / Contract Researcher (Supervisor: Sung Ju Hwang)

Seoul, South Korea

Mar.2023 — Aug.2024

NAVER LABS

Research Intern (Mentor: Minheok Heo)

Jungja, South Korea

Jul.2022 — Dec.2022

KOREA UNIVERSITY

Research Intern (Supervisor: Jinkyu Kim)

Seoul, South Korea

Jul.2021 — Dec.2022

AWARDS & HONORS

Travel Grant from ICML2024 Area Chair

Jun.2024

Digital Innovation Big Data Contest

May.2021

2nd place, Korea Enterprise Data Corp.(KED)

ICT Autonomous Driving Project

Dec.2020

5st place, The Federation of Korean Information Industries

Financial Big Data Festival

Dec.2020

1st place, MiraeAsset.Corp

Kakao Arena Competition

May.2020

Top 2%, Kakao.Corp

ADDITIONAL INFORMATION

Programming Ability: Python, C, Matlab, Git, PyTorch, Tensorflow, Linux, LaTeX, R, SAS

Language Ability: Fluent in both Korean and English, Beginner in Chinese