Phillip Yuseung Lee

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Education

Korea Advanced Institute of Science and Technology (KAIST) Mar 2025 - Present
Ph.D. in Graduate School of AI Advisor: Minhyuk Sung

Korea Advanced Institute of Science and Technology (KAIST) Sep 2023 - Feb 2025
M.S. in Graduate School of AI Advisor: Minhyuk Sung

Korea Advanced Institute of Science and Technology (KAIST) Mar 2017 - Sep 2023
B.S. in Computer Science

Research Interests

Computer Vision, Multimodal Understanding, Generative Models

Publications

Perspective-Aware Reasoning in Vision-Language Models via Mental Imagery Simulation
Phillip Y. Lee, Jihyeon Je, Chanho Park, Mikaela Angelina Uy, Leonidas Guibas, Minhyuk Sung
ICCV 2025, *Human to Robot (H2R) Workshop at CoRL 2025*

GrounDiT: Grounding Diffusion Transformers via Noisy Patch Transplantation
Phillip Y. Lee*, Taehoon Yoon*, Minhyuk Sung (* equal contribution)
NeurIPS 2024

ReGround: Improving Textual and Spatial Grounding at No Cost
Phillip Y. Lee, Minhyuk Sung
ECCV 2024

SyncDiffusion: Coherent Montage via Synchronized Joint Diffusions
Phillip Y. Lee, Kunho Kim, Hyunjin Kim, Minhyuk Sung
NeurIPS 2023

Talks & Achievements

Qualcomm Innovation Fellowship 2025 Korea Nov 2025
Selected as a recipient of the Qualcomm Innovation Fellowship 2025 Korea.

Oral Presentation on ReGround Oct 2024
Presented at *ECCV 2024 Unlearning and Model Editing Workshop.*

KAIST's Research Highlight of 2023 – SyncDiffusion May 2024
Selected as one of 29 Research Highlights in *2024 KAIST Annual R&D Report.*

Oral Presentation on SyncDiffusion Dec 2023
Presented at *NeurIPS 2023 Machine Learning for Creativity and Design Workshop.*

Work Experience

Visual AI Group, KAIST Jun 2022 - Jun 2023
Student Researcher

Omnious.AI Dec 2021 - Feb 2022
Intern (Machine Learning Engineer)

Cyper-Physical Systems Lab, KAIST Jan 2021 - Aug 2021
Student Researcher

Teaching Experience

CS479: Machine Learning for 3D Data Spring 2025, KAIST
Teaching Assistant

CS492(D): Diffusion Models and Their Applications Fall 2024, KAIST
Teaching Assistant

CS479: Machine Learning for 3D Data Fall 2023, KAIST
Teaching Assistant

Academic Service

NeurIPS (2024, 2025), ICLR (2025, 2026), ICML (2025), ICCV Workshop (SP4V, 2025), 3DV (2026), AAAI (2026), TPAMI (2025), Eurographics (2026) Reviewer

Skills

Programming Languages	Python, Java, C
Deep Learning Frameworks	PyTorch
Languages	Korean (Native), English (Fluent)