

Phillip Yuseung Lee

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)

Ph.D. in Graduate School of AI

Mar 2025 - Present

Advisor: [Minhyuk Sung](#)

Korea Advanced Institute of Science and Technology (KAIST)

M.S. in Graduate School of AI

Sep 2023 - Feb 2025

Advisor: [Minhyuk Sung](#)

Korea Advanced Institute of Science and Technology (KAIST)

B.S. in Computer Science

Mar 2017 - Sep 2023

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, Chanhoo Park, Mikaela Angelina Uy, Leonidas Guibas, Minhyuk Sung

Preprint, 2025

[Unconditional Priors Matter! Improving Conditional Generation of Fine-Tuned Diffusion Models](#)

Prin Phunyaphibarn, **Phillip Y. Lee**, Jaihoon Kim, Minhyuk Sung

Preprint, 2025

[GrounDiT: Grounding Diffusion Transformers via Noisy Patch Transplantation](#)

Phillip Y. Lee*, Taehoon Yoon*, Minhyuk Sung (* equal contribution)

NeurIPS 2024 (Acceptance Rate: 25.8%)

[ReGround: Improving Textual and Spatial Grounding at No Cost](#)

Phillip Y. Lee, Minhyuk Sung

ECCV 2024 (Acceptance Rate: 27.9%)

[SyncDiffusion: Coherent Montage via Synchronized Joint Diffusions](#)

Phillip Y. Lee, Kunho Kim, Hyunjin Kim, Minhyuk Sung

NeurIPS 2023 (Acceptance Rate: 26.1%)

[FLUID-XP: Flexible User Interface Distribution for Cross-Platform Experience](#)

Sunjae Lee, Hayeon Lee, Hoyoung Kim, Sangmin Lee, Jeong Woon Choi, **Phillip Y. Lee**, Seono Lee, Ahyeon Kim, Jean Young Song, Sangeun Oh, Steven Y. Ko, Insik Shin

Mobicom 2021

TALKS & ACHIEVEMENTS

[Oral Presentation on ReGround](#)

Oct 2024

Presented at *ECCV 2024 Unlearning and Model Editing Workshop*.

[Oral Presentation on SyncDiffusion](#)

Dec 2023

Presented at *NeurIPS 2023 Machine Learning for Creativity and Design Workshop*.

[KAIST's Research Highlight of 2023 – SyncDiffusion](#)

May 2024

Selected as one of 29 Research Highlights in *2024 KAIST Annual R&D Report*.

WORK EXPERIENCE

Visual AI Group, KAIST Student Researcher	Jun 2022 - Jun 2023
Omniuous.AI Intern (Machine Learning Engineer)	Dec 2021 - Feb 2022
Cyper-Physical Systems Lab, KAIST Student Researcher	Jan 2021 - Aug 2021

TEACHING EXPERIENCE

CS479: Machine Learning for 3D Data Teaching Assistant	Fall 2023, KAIST
CS492(D): Diffusion Models and Their Applications Teaching Assistant	Fall 2024, KAIST
CS479: Machine Learning for 3D Data Teaching Assistant	Spring 2025, KAIST

ACADEMIC SERVICE

NeurIPS 2024, ICLR 2025, ICML 2025, TPAMI 2025	Reviewer
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SKILLS

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