Yuseung Lee

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) Sep 2023 - Present
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, Generative Models, Multimodal Understanding

PUBLICATIONS

ReGround: Improving Textual and Spatial Grounding at No Cost
Yuseung Lee, Minhyuk Sung
ECCV 2024 (Acceptance Rate: 27.9%)

SyncDiffusion: Coherent Montage via Synchronized Joint Diffusions
Yuseung 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, **Yuseung Lee**, Seono Lee,
Ahyeon Kim, Jean Young Song, Sangeun Oh, Steven Y. Ko, Insik Shin
Mobicom 2021

TALKS & ACHIEVEMENTS

Spotlight Talk 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 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 Fall 2023, KAIST
Teaching Assistant

Skills

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