

Jaihoon Kim

[Website](#) | [LinkedIn](#) | Email: jh27kim@kaist.ac.kr

ACAMEDIC INTERESTS

Diffusion Model, 3D Generation, 3D Reconstruction

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) Ph.D. in Computer Science	Sep 2024 – Advisor: Minhyuk Sung
Korea Advanced Institute of Science and Technology (KAIST) M.S. in Computer Science	2023 – Aug 2024 Advisor: Minhyuk Sung
Hanyang University B.S. in Electrical Engineering	2015 – 2021

WORK EXPERIENCE

Samsung Electronics Cloud Storage (Full Time)	Jul 2021 – Jan 2023
Samsung Electronics HPC (Internship)	July 2020 – July 2020

PUBLICATIONS

1. StochSync: Stochastic Diffusion Synchronization for Image Generation in Arbitrary Spaces
Kyeongmin Yeo*, **Jaihoon Kim***, Minhyuk Sung (* denotes equal contribution)
2. SyncTweedies: A General Generative Framework Based on Synchronized Diffusions
Jaihoon Kim*, Juil Koo*, Kyeongmin Yeo*, Minhyuk Sung (* denotes equal contribution)
NeurIPS 2024
3. Paired-Point Lifting for Enhanced Privacy-Preserving Visual Localization
Chunghwan Lee, **Jaihoon Kim**, Chanhyuk Yun, Je Hyeong Hong
CVPR 2023

TEACHING EXPERIENCE

CS492(D): Diffusion Models and Their Applications Course Assistant	School of Computing, KAIST Fall 2024
CS580: Computer Graphics Course Assistant	School of Computing, KAIST Spring 2024
CS479: Machine Learning for 3D Data Course Assistant	School of Computing, KAIST Fall 2023

SCHOLARSHIPS AND ACHIEVEMENTS

Grand Prix (2 nd place) x, X-Corps Festival Minister, Ministry of Science and ICT	Spring 2020
Honors University of Texas at Austin	Fall 2019

Jaihoon Kim

[Website](#) | [LinkedIn](#) | Email: jh27kim@kaist.ac.kr

Dean's List
Hanyang University

Spring 2019

ACADEMIC SERVICE

Reviewer
ICLR

2024

Pacific Graphics 2023
Student Delegate

Fall 2023

SKILLS

Programming Languages

C, C++, Java, Python

Frameworks

PyTorch, Spring

Languages

Korean (Native), English (Fluent)