

Hyeonho Jeong

GitHub : <https://www.github.com/Hyeonho99>
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Interests	Deep Learning, Computer Vision, Generative Models (Diffusion Models), Image Editing, Video Editing
Education	<div> KAIST, Graduate School of AI M.S., Artificial Intelligence • Advisor: Professor Jong Chul Ye Daejeon, Korea 2023.09 - 2025.06 (Expected) </div> <div> Sungkyunkwan University, College of Computing B.S., Software Engineering • GPA: 4.15/4.5 Suwon, Korea 2017.03 - 2023.06 </div>
Publications	<p>VMC: Video Motion Customization using Temporal Attention Adaption for Text-to-Video Diffusion Models Hyeonho Jeong*, Geon Yeong Park*, Jong Chul Ye (*equal contribution) CVPR 2024 Project</p> <p>Ground-A-Video: Zero-shot Grounded Video Editing using Text-to-image Diffusion Models Hyeonho Jeong, Jong Chul Ye ICLR 2024 Project</p> <p>Neural Network Training Strategy to Enhance Anomaly Detection Performance: A Perspective on Reconstruction Loss Amplification YeongHyeon Park, Sungho Kang, Myung Jin Kim, Hyeonho Jeong, Hyunkyu Park, Hyeong Seok Kim, Juneho Yi ICASSP 2024</p>
Preprints	<p>DreamMotion: Space-Time Self-Similarity Score Distillation for Zero-Shot Video Editing Hyeonho Jeong, Jinho Chang, Geon Yeong Park, Jong Chul Ye arXiv:2403.12002 Project</p> <p>Zero-shot Generation of Coherent Storybook from Plain Text Story using Diffusion Models Hyeonho Jeong, Gihyun Kwon, Jong Chul Ye arXiv:2302.03900</p>
Ongoing projects	<p>Spectral Motion Alignment for Video Motion Transfer using Diffusion Models Geon Yeong Park*, Hyeonho Jeong*, Sang Wan Lee, Jong Chul Ye Submitted to ECCV 2024 (To be uploaded to arXiv) Project</p>
Awards	<div> BISPL Best Master Student Award Dean's List Sungkyun Software Scholarship </div> <div> 2023 2018, 2021, 2022 2018-2022 </div>
Skills	<p>English: Fluent.</p> <p>Computer Languages: Python, C, C++, Java, JavaScript and L^AT_EX.</p> <p>Deep Learning Frameworks: PyTorch and TensorFlow.</p>

Reviewer NeurIPS 2023 Workshop on Diffusion Models, IJCV

**Teaching
experience** **TA, KAIST**
AI 618: Generative models and unsupervised learning

References **Jong Chul Ye**
M.S. advisor (KAIST)

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