

Hyeonho Jeong

Homepage: hyeonho99.github.io **Email:** hyeonho.jeong@kaist.ac.kr **Phone:** +82-10-7117-6751

Interests	{Image, Video, 3D} Editing & Synthesis using Generative Models (e.g., Diffusion Models)		
Education	KAIST, Graduate School of AI	Daejeon, Korea	
	M.S., Artificial Intelligence	2023.09 - 2025.06 (Expected)	
	• Advisor: Professor Jong Chul Ye		
	Sungkyunkwan University, College of Computing	Suwon, Korea	
Work Experience	B.S., Software Engineering	2017.03 - 2023.06	
	• GPA: 4.15/4.5		
	Adobe Research		
	Research Scientist Intern (Host: Duygu Ceylan)	2024.07 - 2024.10	
Publications	DreamMotion: Space-Time Self-Similar Score Distillation for Zero-Shot Video Editing		
	Hyeonho Jeong , Jinho Chang, Geon Yeong Park, Jong Chul Ye		
	ECCV 2024		
	Project: hyeonho99.github.io/dreammotion		
	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: video-motion-customization.github.io		
	Ground-A-Video: Zero-shot Grounded Video Editing using Text-to-image Diffusion Models		
	Hyeonho Jeong , Jong Chul Ye		
Preprints	ICLR 2024		
	Project: ground-a-video.github.io		
	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		
	Track4Gen: Teaching Video Diffusion Models to Track Points Improves Video Generation		
	Hyeonho Jeong , Chun-Hao Paul Huang, Jong Chul Ye, Niloy Mitra, Duygu Ceylan		
	Under Review		
	On Unifying Video Generation and Camera Pose Estimation		
	Chun-Hao Paul Huang, Jae Shin Yoon, Hyeonho Jeong , Niloy Mitra, Duygu Ceylan		
Preprints	Under Review		
	Spectral Motion Alignment for Video Motion Transfer using Diffusion Models		
	Geon Yeong Park*, Hyeonho Jeong *, Sang Wan Lee, Jong Chul Ye		
	Project: geonyeong-park.github.io/spectral-motion-alignment		
Under Review			

Zero-shot Generation of Coherent Storybook from Plain Text Story using Diffusion Models

[Hyeonho Jeong](#), Gihyun Kwon, Jong Chul Ye

Awards

BISPL Best Master Student Award	2023
Dean's List	2018, 2021, 2022
Sungkyun Software Scholarship	2018-2023

Skills

English: Fluent.
Computer Languages: Python, C, C++, Java, JavaScript and \LaTeX .
Deep Learning Frameworks: PyTorch and TensorFlow.

Reviewer

ICLR, IJCV, TPAMI

**Teaching
experience**

TA, KAIST
AI 618: Generative models and unsupervised learning

References

Jong Chul Ye M.S. advisor (KAIST)	jong.ye@kaist.ac.kr
Duygu Ceylan Host (Adobe)	ceylan@adobe.com