

Hyeonho Jeong

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

Interests	Generative Models, Diffusion Models, {Image, Video, 4D} Editing	
Education	KAIST, Graduate School of AI	Daejeon, Korea
	M.S., Artificial Intelligence	2023.09 - 2025.06 (Expected)
	<ul style="list-style-type: none"> • Advisor: Professor Jong Chul Ye 	
	Sungkyunkwan University, College of Computing	Suwon, Korea
	B.S., Software Engineering	2017.03 - 2023.06
Work Experience	<ul style="list-style-type: none"> • GPA: 4.15/4.5 	
	<ul style="list-style-type: none"> • Leave of Absence: Army Sergeant, honorable discharge 	
	2019 - 2021	
Publications	Adobe Research	
	Research Scientist Intern (Host: Duygu Ceylan)	2024.07 - 2024.9
Publications	Spectral Motion Alignment for Video Motion Transfer using Diffusion Models	
	Geon Yeong Park*, Hyeonho Jeong* , Sang Wan Lee, Jong Chul Ye	
	AAAI 2025	
	Project: geonyeong-park.github.io/spectral-motion-alignment	
	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)	
Preprints	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	
	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	
Preprints	Hyeonho Jeong , Chun-Hao Paul Huang, Jong Chul Ye, Niloy Mitra, Duygu Ceylan	
	Project: hyeonho99.github.io/track4gen	
Preprints	On Unifying Video Generation and Camera Pose Estimation	
	Chun-Hao Paul Huang, Jae Shin Yoon, Hyeonho Jeong , Niloy Mitra, Duygu Ceylan	

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

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

Awards	Finalist, Qualcomm Innovation Fellowship Korea (\$1000)	2024
	BISPL Best Master Student Award (\$2000 \times 2)	2023, 2024
	Dean's List	2018, 2021, 2022
	Sungkyun Software Scholarship	2018-2023
Invited Talks	Diffusion-based Controllable Video Editing and Synthesis	
	<i>University of Waterloo</i>	2024.12
	<i>Adobe Research</i>	2024.10
Reviewer	ICLR (2025)	
	Eurographics (2025)	
	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