

Hyeonho Jeong

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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
	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		
	On Unifying Video Generation and Camera Pose Estimation		
Preprints	Chun-Hao Paul Huang, Jae Shin Yoon, Hyeonho Jeong , Niloy Mitra, Duygu Ceylan		
	Project: paulchhuang.github.io/jog3rwebsite		
	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		

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