

## Hyeonho Jeong

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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	
	B.S., Software Engineering	2017.03 - 2023.06	
	• GPA: 4.15/4.5		
Work Experience	Adobe Research		
	Research Scientist Intern (Host: Duygu Ceylan)	2024.07 - 2024.10	
Publications	Spectral Motion Alignment for Video Motion Transfer using Diffusion Models		
	Geon Yeong Park*, <a href="#">Hyeonho Jeong*</a> , Sang Wan Lee, Jong Chul Ye		
	AAAI 2025		
	Project: <a href="https://geonyeong-park.github.io/spectral-motion-alignment">geonyeong-park.github.io/spectral-motion-alignment</a>		
	DreamMotion: Space-Time Self-Similar Score Distillation for Zero-Shot Video Editing		
	<a href="#">Hyeonho Jeong</a> , Jinho Chang, Geon Yeong Park, Jong Chul Ye		
	ECCV 2024		
	Project: <a href="https://hyeonho99.github.io/dreammotion">hyeonho99.github.io/dreammotion</a>		
	VMC: Video Motion Customization using Temporal Attention Adaption for Text-to-Video Diffusion Models		
	<a href="#">Hyeonho Jeong*</a> , Geon Yeong Park*, Jong Chul Ye (*equal contribution)		
	CVPR 2024		
	Project: <a href="https://video-motion-customization.github.io">video-motion-customization.github.io</a>		
	Ground-A-Video: Zero-shot Grounded Video Editing using Text-to-image Diffusion Models		
	<a href="#">Hyeonho Jeong</a> , Jong Chul Ye		
	ICLR 2024		
	Project: <a href="https://ground-a-video.github.io">ground-a-video.github.io</a>		
	Neural Network Training Strategy to Enhance Anomaly Detection Performance: A Perspective on Reconstruction Loss Amplification		
	YeongHyeon Park, Sungho Kang, Myung Jin Kim, <a href="#">Hyeonho Jeong</a> , Hyunkyu Park, Hyeong Seok Kim, Juneho Yi		
	ICASSP 2024		
Preprints	Track4Gen: Teaching Video Diffusion Models to Track Points Improves Video Generation		
	<a href="#">Hyeonho Jeong</a> , Chun-Hao Paul Huang, Jong Chul Ye, Niloy Mitra, Duygu Ceylan		
	Project: <a href="https://hyeonho99.github.io/track4gen">hyeonho99.github.io/track4gen</a>		
	On Unifying Video Generation and Camera Pose Estimation		
	Chun-Hao Paul Huang, Jae Shin Yoon, <a href="#">Hyeonho Jeong</a> , 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**

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  $\text{\LaTeX}$ .  
**Deep Learning Frameworks:** PyTorch and TensorFlow.

**Reviewer**

ICLR, IJCV, TPAMI

**Teaching  
experience**

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

**References**

<b>Jong Chul Ye</b> M.S. advisor (KAIST)	<a href="mailto:jong.ye@kaist.ac.kr">jong.ye@kaist.ac.kr</a>
<b>Duygu Ceylan</b> Host (Adobe)	<a href="mailto:ceylan@adobe.com">ceylan@adobe.com</a>