

Byeongjun Park

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Education

Korea Advanced Institute of Science and Technology (KAIST)	Mar 2020 – Aug 2025
<i>Ph.D. in Electrical Engineering</i>	
• GPA: 4.05/4.3	
• Advisor: Changick Kim	
• Thesis: Scalable Generative Modeling for Visual Content Creation	
Korea Advanced Institute of Science and Technology (KAIST)	Mar 2015 – Feb 2020
<i>B.S. in Electrical Engineering</i>	
• GPA: 3.75/4.3 (Graduated Cum Laude)	

Experience

Research Scientist, EverEx – Seoul, Korea (Mandatory Military Service)	Aug 2025 – Present
• 3D/4D Generation: Integrate video generative and scene reconstruction models to create plausible scenes.	
Research Intern, Koh Young Technology – Seoul, Korea	Mar 2018 – Aug 2018
• Smart Factory: AI-based solution for optimizing the process of mounting chips on PCB boards.	

Publications

(C: conference, J: journal, P: preprint, *: Equal Contribution)

[P3] ReDirector: Creating Any-Length Video Retakes with Rotary Camera Encoding Byeongjun Park, Byung-Hoon Kim, Hyungjin Chung, Jong Chul Ye	arXiv'25
[P2] Generating Human Motion Videos using a Cascaded Text-to-Video Framework Hyelin Nam, Hyojun Go, Byeongjun Park, Byung-Hoon Kim, Hyungjin Chung	arXiv'25
[P1] Video Parallel Scaling: Aggregating Diverse Frame Subsets for VideoLLMs Hyungjin Chung, Hyelin Nam, Jiyeon Kim, Hyojun Go, Byeongjun Park, Seongsu Ha, Byung-Hoon Kim	arXiv'25
[C10] VideoRFSplat: Direct Scene-Level Text-to-3D Gaussian Splatting Generation with Flexible Pose and Multi-View Joint Modeling Hyojun Go*, Byeongjun Park*, Hyelin Nam, Byung-Hoon Kim, Hyungjin Chung, Changick Kim	ICCV'25
[C9] SteerX: Creating Any Camera-Free 3D and 4D Scenes with Geometric Steering Byeongjun Park*, Hyojun Go*, Hyelin Nam, Byung-Hoon Kim, Hyungjin Chung, Changick Kim	ICCV'25
[C8] SplatFlow: Multi-View Rectified Flow Model for 3D Gaussian Splatting Synthesis Hyojun Go*, Byeongjun Park*, Jiho Jang, Jin-Young Kim, Soonwoo Kwon, Changick Kim	CVPR'25
[C7] Diffusion Model Patching via Mixture-of-Prompts Seokil Ham*, Sangmin Woo*, Jin-Young Kim, Hyojun Go, Byeongjun Park, Changick Kim	AAAI'25
[J1] Bridging Implicit and Explicit Geometric Transformation for Single-Image View Synthesis Byeongjun Park*, Hyojun Go*, Changick Kim	TPAMI'24
[C6] Switch Diffusion Transformer: Synergizing Denoising Tasks with Sparse Mixture-of-Experts Byeongjun Park, Hyojun Go, Jin-Young Kim, Sangmin Woo, Seokil Ham, Changick Kim	ECCV'24
[C5] HarmonyView: Harmonizing Consistency and Diversity in One-Image-to-3D Sangmin Woo*, Byeongjun Park*, Hyojun Go, Jin-Young Kim, Changick Kim	CVPR'24
[C4] Denoising Task Routing for Diffusion Models Byeongjun Park*, Sangmin Woo*, Hyojun Go*, Jin-Young Kim*, Changick Kim	ICLR'24

[C3] Point-DynRF: Point-based Dynamic Radiance Fields from a Monocular Video

WACV'24

Byeongjun Park, Changick Kim

[C2] Temporal Flow Mask Attention for Open-Set Long-Tailed Recognition of Wild Animals
in Camera-Trap Images

ICIP'22

Jeongsoo Kim, Sangmin Woo, Byeongjun Park, Changick Kim

[C1] Fine-Grained Multi-Class Object Counting

ICIP'21

Hyojun Go, Junyoung Byun, Byeongjun Park, Changick Kim

US Patent

Method and apparatus with scene flow estimation

Mar 2025

Youngjun Kwak, Taekyung Kim, Changick Kim, Byeongjun Park, Changbeom Park

Honors and Talks

Finalist: Qualcomm Innovation Fellowship (Korea)

Dec 2024

Invited Talk: Recent Trends in 3D Content Creation (ETRI)

Aug 2024

Scholarship: National Academic Excellence Scholarship (Korea)

Mar 2016 – Feb 2019