

Byeongjun Park

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Education

Korea Advanced Institute of Science and Technology (KAIST) <i>Ph.D. in Electrical Engineering</i>	Mar 2020 – Aug 2025
<ul style="list-style-type: none">• GPA: 4.05/4.3• Advisor: Changick Kim• Thesis: Scalable Generative Modeling for Visual Content Creation	
Korea Advanced Institute of Science and Technology (KAIST) <i>B.S. in Electrical Engineering</i>	Mar 2015 – Feb 2020
<ul style="list-style-type: none">• GPA: 3.75/4.3 (Graduated Cum Laude)	

Experience

Research Scientist , EverEx – Seoul, Korea (Remote)	Jan 2025 – Present
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Smart Factory: AI-based solution for optimizing the process of mounting chips on PCB boards.	

Publications

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

[P4] VideoRFSplat: Direct Scene-Level Text-to-3D Gaussian Splatting Generation with Flexible Pose and Multi-View Joint Modeling	<i>arXiv'25</i>
Hyojun Go*, Byeongjun Park* , Hyelin Nam, Byung-Hoon Kim, Hyungjin Chung, Changick Kim	
[P3] SteerX: Creating Any Camera-Free 3D and 4D Scenes with Geometric Steering	<i>arXiv'25</i>
Byeongjun Park* , Hyojun Go*, Hyelin Nam, Byung-Hoon Kim, Hyungjin Chung, Changick Kim CVPR'25 Workshop on WorldModelBench	
[C8] SplatFlow: Multi-View Rectified Flow Model for 3D Gaussian Splatting Synthesis	<i>CVPR'25</i>
Hyojun Go*, Byeongjun Park* , Jiho Jang, Jin-Young Kim, Soonwoo Kwon, Changick Kim	
[C7] Diffusion Model Patching via Mixture-of-Prompts	<i>AAAI'25</i>
Seokil Ham*, Sangmin Woo*, Jin-Young Kim, Hyojun Go, Byeongjun Park , Changick Kim	
[J1] Bridging Implicit and Explicit Geometric Transformation for Single-Image View Synthesis	<i>TPAMI'24</i>
Byeongjun Park* , Hyojun Go*, Changick Kim	
[C6] Switch Diffusion Transformer: Synergizing Denoising Tasks with Sparse Mixture-of-Experts	<i>ECCV'24</i>
Byeongjun Park , Hyojun Go, Jin-Young Kim, Sangmin Woo, Seokil Ham, Changick Kim	
[C5] HarmonyView: Harmonizing Consistency and Diversity in One-Image-to-3D	<i>CVPR'24</i>
Sangmin Woo*, Byeongjun Park* , Hyojun Go, Jin-Young Kim, Changick Kim	
[C4] Denoising Task Routing for Diffusion Models	<i>ICLR'24</i>
Byeongjun Park* , Sangmin Woo*, Hyojun Go*, Jin-Young Kim*, Changick Kim	
[C3] Point-DynRF: Point-based Dynamic Radiance Fields from a Monocular Video	<i>WACV'24</i>
Byeongjun Park , Changick Kim	
[P2] DiffRef3D: A Diffusion-based Proposal Refinement Framework for 3D Object Detection	<i>arXiv'23</i>
Se-Ho Kim*, Inyong Koo*, Inyoung Lee, Byeongjun Park , Changick Kim	
[P1] Balancing Domain Experts for Long-Tailed Camera-Trap Recognition	<i>arXiv'22</i>
Byeongjun Park , Jeongsoo Kim, Seoungju Cho, Heeseon Kim, 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

Honars 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*