

Byeongjun Park

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Education

Korea Advanced Institute of Science and Technology (KAIST) Mar 2020 – Aug 2025

Ph.D. in Electrical Engineering

- 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

B.S. in Electrical Engineering

- GPA: 3.75/4.3 (Graduated Cum Laude)

Experience

Research Scientist, EverEx – Seoul, Korea 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)

[C10] **VideoRFSplat: Direct Scene-Level Text-to-3D Gaussian Splatting Generation with Flexible Pose and Multi-View Joint Modeling** ICCV'25

Hyojun Go*, Byeongjun Park*, Hyelin Nam, Byung-Hoon Kim, Hyungjin Chung, Changick Kim

[C9] **SteerX: Creating Any Camera-Free 3D and 4D Scenes with Geometric Steering** ICCV'25

Byeongjun Park*, Hyojun Go*, Hyelin Nam, Byung-Hoon Kim, Hyungjin Chung, Changick Kim

[C8] **SplatFlow: Multi-View Rectified Flow Model for 3D Gaussian Splatting Synthesis** CVPR'25

Hyojun Go*, Byeongjun Park*, Jiho Jang, Jin-Young Kim, Soonwoo Kwon, Changick Kim

[C7] **Diffusion Model Patching via Mixture-of-Prompts** AAAI'25

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** TPAMI'24

Byeongjun Park*, Hyojun Go*, Changick Kim

[C6] **Switch Diffusion Transformer: Synergizing Denoising Tasks with Sparse Mixture-of-Experts** ECCV'24

Byeongjun Park, Hyojun Go, Jin-Young Kim, Sangmin Woo, Seokil Ham, Changick Kim

[C5] **HarmonyView: Harmonizing Consistency and Diversity in One-Image-to-3D** CVPR'24

Sangmin Woo*, Byeongjun Park*, Hyojun Go, Jin-Young Kim, Changick Kim

[C4] **Denoising Task Routing for Diffusion Models** ICLR'24

Byeongjun Park*, Sangmin Woo*, Hyojun Go*, Jin-Young Kim*, Changick Kim

[C3] **Point-DynRF: Point-based Dynamic Radiance Fields from a Monocular Video** WACV'24

Byeongjun Park, Changick Kim

[P2] **DiffRef3D: A Diffusion-based Proposal Refinement Framework for 3D Object Detection** arXiv'23

Se-Ho Kim*, Inyong Koo*, Inyoung Lee, Byeongjun Park, Changick Kim

[P1] **Balancing Domain Experts for Long-Tailed Camera-Trap Recognition** arXiv'22

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*