

# Byeongjun Park

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## Education

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

## Experience

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

## Publications

(C: conference, J: journal, \*: Equal Contribution)

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| <b>[C12] ReDirector: Creating Any-Length Video Retakes with Rotary Camera Encoding</b>  | CVPR'26  |
| Byeongjun Park, Byung-Hoon Kim, Hyungjin Chung, Jong Chul Ye  |          |
| <b>[C11] Video Parallel Scaling: Aggregating Diverse Frame Subsets for VideoLLMs</b>  | CVPR'26  |
| Hyungjin Chung, Hyelin Nam, Jiyeon Kim, Hyojun Go, Byeongjun Park, Seongsu Ha, Byung-Hoon Kim   | Findings |
| <b>[C10] VideoRFSplat: Direct Scene-Level Text-to-3D Gaussian Splatting Generation with Flexible Pose and Multi-View Joint Modeling</b> | ICCV'25  |
| Hyojun Go*, Byeongjun Park*, Hyelin Nam, Byung-Hoon Kim, Hyungjin Chung, Changick Kim   |          |
| <b>[C9] SteerX: Creating Any Camera-Free 3D and 4D Scenes with Geometric Steering</b>   | ICCV'25  |
| Byeongjun Park*, Hyojun Go*, Hyelin Nam, Byung-Hoon Kim, Hyungjin Chung, Changick Kim   |          |
| <b>[C8] SplatFlow: Multi-View Rectified Flow Model for 3D Gaussian Splatting Synthesis</b>  | CVPR'25  |
| Hyojun Go*, Byeongjun Park*, Jiho Jang, Jin-Young Kim, Soonwoo Kwon, Changick Kim   |          |
| <b>[C7] Diffusion Model Patching via Mixture-of-Prompts</b>   | AAAI'25  |
| Seokil Ham*, Sangmin Woo*, Jin-Young Kim, Hyojun Go, Byeongjun Park, Changick Kim   |          |
| <b>[J1] Bridging Implicit and Explicit Geometric Transformation for Single-Image View Synthesis</b>                                     | TPAMI'24 |
| Byeongjun Park*, Hyojun Go*, Changick Kim   |          |
| <b>[C6] Switch Diffusion Transformer: Synergizing Denoising Tasks with Sparse Mixture-of-Experts</b>                                    | ECCV'24  |
| Byeongjun Park, Hyojun Go, Jin-Young Kim, Sangmin Woo, Seokil Ham, Changick Kim   |          |
| <b>[C5] HarmonyView: Harmonizing Consistency and Diversity in One-Image-to-3D</b>   | CVPR'24  |
| Sangmin Woo*, Byeongjun Park*, Hyojun Go, Jin-Young Kim, Changick Kim   |          |
| <b>[C4] Denoising Task Routing for Diffusion Models</b>   | ICLR'24  |
| Byeongjun Park*, Sangmin Woo*, Hyojun Go*, Jin-Young Kim*, Changick Kim   |          |
| <b>[C3] Point-DynRF: Point-based Dynamic Radiance Fields from a Monocular Video</b>   | 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

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**Method and apparatus with scene flow estimation**

*Mar 2025*

Youngjun Kwak, Taekyung Kim, Changick Kim, [Byeongjun Park](#), Changbeom Park

## Honors and Talks

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**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*