

# Byeongjun Park

✉ [byeongjun.prk@gmail.com](mailto:byeongjun.prk@gmail.com) | 🎓 Google Scholar | 🌐 GitHub | 🏠 Homepage

## Education

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

## Experience

<b>Research Scientist</b> , EverEx – Seoul, Korea (Mandatory Military Service) <ul style="list-style-type: none"><li>• <b>3D/4D Generation:</b> Integrate video generative and scene reconstruction models to create plausible scenes.</li></ul>	Aug 2025 – Present
<b>Research Intern</b> , Koh Young Technology – Seoul, Korea <ul style="list-style-type: none"><li>• <b>Smart Factory:</b> AI-based solution for optimizing the process of mounting chips on PCB boards.</li></ul>	Mar 2018 – Aug 2018

## Publications

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

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

<b>[C3] Point-DynRF: Point-based Dynamic Radiance Fields from a Monocular Video</b> Byeongjun Park, Changick Kim	<i>WACV'24</i>
<b>[C2] Temporal Flow Mask Attention for Open-Set Long-Tailed Recognition of Wild Animals in Camera-Trap Images</b> Jeongsoo Kim, Sangmin Woo, Byeongjun Park, Changick Kim	<i>ICIP'22</i>
<b>[C1] Fine-Grained Multi-Class Object Counting</b> Hyojun Go, Junyoung Byun, Byeongjun Park, Changick Kim	<i>ICIP'21</i>

## US Patent

<b>Method and apparatus with scene flow estimation</b> Youngjun Kwak, Taekyung Kim, Changick Kim, Byeongjun Park, Changbeom Park	<i>Mar 2025</i>
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## Honors and Talks

<b>Finalist:</b> Qualcomm Innovation Fellowship (Korea)	<i>Dec 2024</i>
<b>Invited Talk:</b> Recent Trends in 3D Content Creation (ETRI)	<i>Aug 2024</i>
<b>Scholarship:</b> National Academic Excellence Scholarship (Korea)	<i>Mar 2016 – Feb 2019</i>