Jihun Park *Researcher of Computer Vision & Deep learning*

Last update on January 14, 2026

Contact Information

DGIST (Daegu Gyeongbuk Institute of Science and Technology),
Dept. Interdisciplinary Studies of Artificial Intelligence (ISAI),
E3-319, Techno jungang-daero 333, Hyeonpung-eup,
Dalseong-gun, Daegu, Republic of Korea, 42988

Tel.: +82-10-4140-2857
E-mail: pjh2857@dgist.ac.kr
Google scholar: user=OPboq9YAAAAJ
Homepage: https://jihun999.github.io

Research Interests

Image/Video Generation (Diffusion, Autoregressive)
Style Transfer
Vision-Language Tasks

Education

M.S. - Ph.D. Integrated Course, Interdisciplinary Studies of Artificial Intelligence (ISAI), **DGIST**, Daegu, South Korea. *Mar. 2023 – present*
***Advisor**: Prof. Sunghoon Im*

Bachelor of Mechanical Engineering, *Sep. 2018 – Jul. 2022*
Zhejiang University, Hangzhou, China.

Chungnam Samsung Academy, South Korea *Mar. 2015 – Feb. 2018*

Work Experience

- Generative Model Research Intern, Baidu, Shenzhen, China *Dec. 2025 – Feb. 2026*
- Software Engineer Intern, Flash billion, Shanghai, China *Jan. 2021 – Mar. 2022*

Publications

Jihun Park*, Kyoungmin Lee*, Jongmin Gim*, Hyeonseo Jo, Minseok Oh, Wonhyeok Choi, Kyumin Hwang, Jaeyeul Kim, Minwoo Choi and Sunghoon Im. "Infinite-Story: A Training-Free Consistent Text-to-Image Generation", Annual AAAI Conference on Artificial Intelligence (**AAAI**), (**Oral paper**), Jan 2026. [paper]

Jihun Park*, Jongmin Gim*, Kyoungmin Lee*, Seunghun Lee, and Sunghoon Im. "Style-Editor: Text-driven object-centric style editing", Conference on Computer Vision and Pattern Recognition (**CVPR**), (**Highlight paper, Top 3.7%**) , Jun 2025. [paper] [project page]

Jongmin Gim*, **Jihun Park***, Kyoungmin Lee*, and Sunghoon Im. "Content-Adaptive Style Transfer: A Training-Free Approach with VQ Autoencoders", Asian Conference on Computer Vision (**ACCV**), Dec 2024. [paper]
Sanggyun Ma*, Wonjoon Choi*, **Jihun Park***, Seunghun Lee, Jiwan Seo, Jaeyeul Kim, and Sunghoon Im. "Bridging Geometric and Semantic Foundation Models for Generalized Monocular Depth Estimation", International Conference on Electronics, Information, and Communication (**ICEIC**), Jan 2026. [paper]

Sanggyun Ma*, Wonjoon Choi*, **Jihun Park**, Jaeyeul Kim, and Sunghoon Im. "Semantic-Enhanced Monocular Depth Estimation via Fusion and Distillation of Foundation Models", (**ICCVw**), July 2025.

Jihun Park*, Jongmin Gim*, Kyoungmin Lee*, Minseok Oh, Minwoo Choi, Jaeyeul Kim, Woo Chool Park, and Sunghoon Im. "A Training-Free Style-aligned Image Generation with Scale-wise Autoregressive Model", (**arXiv 2025**). [paper]

Kyoungmin Lee*, **Jihun Park***, Jongmin Gim*, Wonhyeok Choi, Kyumin Hwang, Jaeyeul Kim and Sunghoon Im. "A Training-Free Style-Personalization via Scale-wise Autoregressive Model", (**arXiv 2025**). [paper].

Minseok Oh*, **Jihun Park***, Jongmin Gim, Minwoo Choi, Kyoungmin Lee, Ferdinando Fioretto and Sunghoon Im. "FREESTYLE: An Anchor-Free Mechanism for Training-Free Style-Aligned Image Generation", (**Under-Review**).

Minwoo Choi*, DongHyeon Kim*, Hyun SeungJun, Wonhyeok Choi, **Jihun Park** and Sunghoon Im. "MEFFIT: Memory Efficient Trajectory Control for MM-DiT Based Video Diffusion Models", (**Under-Review**).
Wonhyeok Choi, Kyumin Hwang, **Jihun Park**, Kyoungmin Lee, Seunghun Lee, Jaeyeul Kim, Minwoo Choi, and Sunghoon Im. "TaskForce: Cooperative Multi-agent Reinforcement Learning for Multi-task Optimization", (**Under-Review**).

Jeonghoon Kim*, Hyeon Kang*, **Jihun Park**, Jinhwoi Kim, Jaeyeul Kim, and Sunghoon Im. "Mitigating Noisy Correspondence in Video-Text Retrieval via Noise-mined Adaptive Self-Labeling", (**Under-Review**).

Awards

- Best Oral Presentation Award, 2025 DGIST Student Conference, *Oct. 2025*
  — DGIST, EECS/AI.
- Encouragement prize, 30th HumanTech Paper Awards, *Jan. 2024*
  — Samsung Electronics Co., Ltd.

Teaching Experience

- Invited speaker of DGIST Generative AI Integrated Seminar (30+ attendees), *Oct. 2024*
  — Daegu Gyeongbuk Institute of Science and Technology (DGIST)
- Teaching Assistant of Advanced Deep Learning (80+ students), *Mar. 2024 – Jun. 2024*
  — Daegu Gyeongbuk Institute of Science and Technology (DGIST)

Academic Reviewer

- The Association for the Advancement of Artificial Intelligence (AAAI), *2026*
- The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), *2026*

Projects

- **Multi prompt-based image generation** *Jul. 2024 – Present*
  NIPA, Innovation Hub AI Data Convergence Project.
  Research about text-to-image diffusion models with fast sampling, improving the performance of image editing models.

- **Software development of smart glasses** *Jul. 2023 – Jun. 2024*
  Daegu Digital Innovation Promotion Agency, Industry-Academic R&BD Collaboration Commercialization Project
  Development of a vision-picking system for the logistics industry based on artificial intelligence object recognition. Development of an object detection module using an object detection model and data processing.

Patents

- METHOD FOR GENERATING PERSONALIZED IMAGE IN A NON LEARNING STYLE USING A SCALE-BASED AUTOREGRESSIVE MODEL. (10-2025-0099672)
- METHOD FOR DEPTH ESTIMATION BASED ON SEMANTIC INFORMATION THROUGH FUSION OF FOUNDATION MODELS AND KNOWLEDGE DISTILLATION. (10-2025-0099244)
- METHOD FOR GENERATING STYLE ALIGNED IMAGES USING AUTOREGRESSIVE MODEL. (10-2025-0054822)
- MONOCULAR DEPTH ESTIMATION METHOD BASED ON FUSION OF GEOMETRIC AND SEMANTIC INFORMATION. (10-2024-0176489)
- CONTENT-ADAPTIVE VECTOR QUANTIZATION-BASED NON-LEARNING STYLE SWITCHING TECHNIQUE,
  Publication date: Nov. 21, 2024. (10-2024-0166851)
- COMPUTER PROGRAM FOR TEXT-BASED, OBJECT-ORIENTED STYLE TRANSFER. (10-2023-0195850)
- COMPUTER PROGRAM AND MEHTOD FOR STYLE TRANSFER.
  Publication date: Mar. 02, 2025. (10-2023-0131272)
- COMPUTER PROGRAM AND MEHTOD FOR LOST AND FOUND SYSTEM. (10-2018-0072114)

Other Experiences

- Exhibition of our team's research on AI-driven art at DGIST [Curation] *Nov. 2025 - Feb. 2026*
- Attended to International Computer Vision Summer School (ICVSS 2025) *Jul. 2025*
- Selected to represent DGIST at the official institutional booth during the 2025 Korea Science Festival *Apr. 2025*

Skills

Language: Python, C, Latex
Development: Pytorch, Tensorflow
Data Analysis: Numpy, Pandas, scikit-learn