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| CONTACT INFORMATION | DGIST (Daegu Gyeongbuk Institute of Science and Technology),  | Tel.: +82-10-4140-2857  |
|                     | Dept. Interdisciplinary Studies of Artificial Intelligence (ISAI),<br>E3-319, Techno jungang-daero 333, Hyeonpung-eup,<br>Dalseong-gun, Daegu, Republic of Korea, 42988   | E-mail: <a href="mailto:pjh2857@dgist.ac.kr">pjh2857@dgist.ac.kr</a><br>Google scholar: <a href="https://scholar.google.com/citations?user=OPboq9YAAAAJ">user=OPboq9YAAAAJ</a><br>Homepage: <a href="https://jihun999.github.io">https://jihun999.github.io</a> |
| RESEARCH INTERESTS  | Computer Vision (Style Transfer, Generative Model)<br>Vision-Language Model   |   |
| EDUCATION           | M.S. - Ph.D. Integrated Course, Interdisciplinary Studies of<br>& Artificial Intelligence (ISAI), DGIST, Daegu, South Korea.  | Mar. 2023 – present<br>Advisor: Prof. Sunghoon Im   |
|                     | Bachelor of Mechanical Engineering,<br>Zhejiang University, Hangzhou, China.  | Sep. 2018 – Jul. 2022   |
|                     | Chungnam Samsung Academy, South Korea   | Mar. 2015 – Feb. 2018   |
| PUBLICATIONS        | Sanggyun Ma*, Wonjoon Choi*, <b>Jihun Park*</b> , Seunghun Lee, Jiwan Seo, Jaeyeul Kim and Sunghoon Im. "Bridging Geometric and Semantic Foundation Models for Generalized Monocular Depth Estimation", (Under-Review). |   |
|                     | <b>JiHun Park*</b> , Jongmin Gim*, Kyoungmin Lee*, and Sunghoon Im. "A Training-Free Style-aligned Image Generation with Scale-wise Autoregressive Model", (Under-Review).  |   |
|                     | <b>JiHun Park*</b> , 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), Jun 2025.     |   |
|                     | Jongmin Gim*, <b>JiHun Park*</b> , Kyoungmin Lee*, and Sunghoon Im. "Content-Adaptive Style Transfer: A Training-Free Approach with VQ Autoencoders", Asian Conference on Computer Vision (ACCV), Dec 2024.             |   |
| WORK EXPERIENCE     | Software Engineer Intern, Flash billion, Shanghai, China  | Jan. 2021 – Mar. 2022   |
| AWARDS              | • Encouragement prize, 30th HumanTech Paper Awards,<br>— Samsung Electronics Co., Ltd.  | Jan. 2024   |

## PROJECTS

- **Multi prompt-based image generation** *Jul. 2024 – Present*  
NIPA, Innovation Hub AI Data Convergence Project.  
Hyperparameter comparison for text-to-image diffusion models with fast sampling. Improving the performance of image editing models via query injection.
- **Software development of smart glasses** *Sep. 2023 – Feb. 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

- 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. (10-2023-0131272)
- COMPUTER PROGRAM AND MEHTOD FOR Lost and Found System. (10-2018-0072114)

## SKILLS

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