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	Dept. Interdisciplinary Studies of Artificial Intelligence (ISAI), E3-319, Techno jungang-daero 333, Hyeonpung-eup, Dalseong-gun, Daegu, Republic of Korea, 42988	E-mail: <a href="mailto:pjh2857@dgist.ac.kr">pjh2857@dgist.ac.kr</a> Google scholar: <a href="https://scholar.google.com/citations?user=OPboq9YAAAAJ">user=OPboq9YAAAAJ</a> Homepage: <a href="https://jihun999.github.io">https://jihun999.github.io</a>
RESEARCH INTERESTS	Computer Vision (Style Transfer, Generative Model) Vision-Language Model	
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, 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. "콘텐츠 적응형 벡터 양자화 기반 비 학습 스타일 전환 기술", Workshop on Image Processing and Image Understanding (IPIU), Feb 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.	
	<b>JiHun Park*</b> , Jongmin Gim*, Kyoungmin Lee*, Seunghun Lee, and Sunghoon Im. "텍스트 기반의 의미 적응형 스타일 전환 기술", Workshop on Image Processing and Image Understanding (IPIU), Jan 2024.	
WORK EXPERIENCE	Software Engineer Intern, Flash billion, Shanghai, China	Jan. 2021 – Mar. 2022
AWARDS	● Encouragement prize, 30th HumanTech Paper Awards, — 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