

Jeahun Sung

Ph.D. Candidate in Imaging Science

Creative Vision and Multimedia Lab (CMLab), Department of Imaging Science
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Last updated
August 2026

RESEARCH INTERESTS

Low-level Vision · Refinement · Restoration · Super-Resolution · Morphing · Demoiréing

EDUCATION

- | | |
|---------------------|---|
| Mar 2026 – Present | Ph.D. Candidate in Imaging Science
Chung-Ang University, Seoul, Republic of Korea
Department of Imaging Science, Graduate School of Advanced Imaging Science,
Multimedia & Film
Creative Vision and Multimedia Lab (CMLab) |
| Mar 2024 – Feb 2026 | M.S. in Imaging Science
Chung-Ang University, Seoul, Republic of Korea
Department of Imaging Science, Graduate School of Advanced Imaging Science,
Multimedia & Film
Creative Vision and Multimedia Lab (CMLab) |
| Mar 2017 – Feb 2024 | B.S. in Mathematics
Dong-A University, Busan, Republic of Korea
Department of Mathematics · Double major in Computer Engineering |

PUBLICATIONS

- FRAMER: Frequency-Aligned Self-Distillation with Adaptive Modulation Leveraging Diffusion Priors for Real-World Image Super-Resolution**
Seungho Choi, **Jeahun Sung**, Jihyong Oh⁺
CVPR 2026
- RefGC-SR²: Reference-guided Super-Resolution and Refinement of AI Generated Content**
Jeahun Sung^{*}, Dahyeon Kye^{*}, Soo Ye Kim⁺, Jihyong Oh⁺
arXiv:2606.15158, 2026 [Project Page](#) · [Paper](#)
- CHIMERA: Adaptive Cache Injection and Semantic Anchor Prompting for Zero-shot Image Morphing with Morphing-oriented Metric**
Dahyeon Kye^{*}, **Jeahun Sung**^{*}, Minkyu Jeon, Jihyong Oh⁺
arXiv:2512.07155, 2025 [Project Page](#) · [Paper](#)
- MoCHA-former: Moiré-Conditioned Hybrid Adaptive Transformer for Video Demoiréing**
Jeahun Sung, Changhyun Roh, Chanhoe Eom, Jihyong Oh⁺
Neurocomputing, vol. 669, 132477, March 2026 [Project Page](#) · [Paper](#)
- R³eVision: A Survey on Robust Rendering, Restoration, and Enhancement for 3D Low-Level Vision**
Weeyoung Kwon, **Jeahun Sung**, Minkyu Jeon, Chanhoe Eom, Jihyong Oh⁺
arXiv:2506.16262, 2025 [Project Page](#) · [Paper](#)

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