Weeyoung Kwon

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About Me

I am a M.S. candidate at Creative Vision and Multimedia Lab (CMLab), Chung-Ang University. My research interests include computer vision, 3D computer vision, dynamic scene modeling, and Gaussian Splatting.

Research Interests

3D/4D Vision: Gaussian Splatting / 4D Gaussian Splatting / Dynamic Scene Reconstruction / Novel View Synthesis
Computer Vision: Deep Learning / 3D Computer Vision / Multi-view Reconstruction / Temporal Consistency Modeling
Generative AI: Generative Models / Diffusion Models / Vision Foundation Models

Education

M.S., Chung-Ang University **2025 – Present**
Artificial Intelligence *Seoul, South Korea*

B.S., Dong-A University **2019 – 2025**
Mathematics *Busan, South Korea*

Publications

International Top-tier Conference

- Sangwoon Kwak[1*], **Weeyoung Kwon**[2*], Jun Young Jeong[1], Geonho Kim[2], Won-Sik Cheong[1], and Jihyong Oh[2†], "MoRel: Long-Range Flicker-Free 4D Motion Modeling via Anchor Relay-based Bidirectional Blending with Hierarchical Densification", **CVPR** 2026. **Highlight Paper** (3.6%, 578/16,092). [1]ETRI, [2]CMLab, Chung-Ang University.

Under Review

- **Weeyoung Kwon**, Jeahun Sung, Minkyu Jeon, Chanho Eom, and Jihyong Oh[†], "R3eVision: A Survey on Robust Rendering, Restoration, and Enhancement for 3D Low-Level Vision", under review.

Skills & Technologies

Programming Languages: Python
Deep Learning Frameworks: PyTorch
Research Areas: Deep Learning, Computer Vision, 3D Computer Vision, Gaussian Splatting

Note

Please visit my **homepage** for more detailed information about my research profile, publications, and contact information.