

Sukhun Ko

 [hun-hub](#) |  [Sukhun Ko](#) |  [hun-hub.github.io](#) |  looloo330@cau.ac.kr |  +82-10-8014-5027

SUMMARY

M.S. student in [CMLab](#) at Chung-Ang University, supervised by [Prof. Jihyong Oh](#). My research focuses on diffusion-based generation, implicit neural representations, and 3D reconstruction.

WORK EXPERIENCE

Generative AI Intern, [ConnectBrick](#) Sep. 2024 – Dec. 2024

Contributed to [FoodStyler](#), a **generative AI-based image compositing** project under [Jector AI](#).

Project Leader, Research Project with [DEXTER STUDIOS](#) Sep. 2025 – Dec. 2025

Led a commissioned research project, “Backend Platform Development for Mobile Application Development,” funded by DEXTER STUDIOS, focusing on **generative AI-based style transfer**.

Research Intern, [UCLA Art|Sci Center](#) Spring 2026

Participated in the Research Internship Program as part of an **international research collaboration** between art and science.

EDUCATION

2025 – present M.S. in Imaging Science, AI Content, Chung-Ang University, Seoul (GPA: 4.47/4.5)

2019 – 2024 B.S. in Big Data Convergence, Sangmyung University, Seoul (GPA: 4.0/4.5)

PUBLICATIONS

- Sukhun Ko**, Soo Ye Kim[†], and Jihyong Oh[†]. “Chameleon: Style-Content Disentangled Framework for Cross-Domain Object Compositing.” *Under Review*. Collab. w/ [Adobe Research](#).  
- Sukhun Ko**, SeokHyun Youn, Dahyeon Kye, Kyle Min, Chanhoe Eom, and Jihyong Oh[†]. “FLAIR: Frequency- and Locality-Aware Implicit Neural Representations.” *CVPR 2026 Findings*. Collab. w/ [Oracle](#).   
- Sukhun Ko**^{*}, Seokhyun Youn^{*}, Weeyoung Kwon, and Jihyong Oh[†]. “Band-Localized Splatting: Frequency-Selective Appearance Modeling for High-Frequency Surface Reconstruction.” *ICIP 2026 Workshop*.
- Dahyeon Kye, Changhyun Roh, **Sukhun Ko**, Chanhoe Eom, and Jihyong Oh[†]. “AceVFI: A Comprehensive Survey of Advances in Video Frame Interpolation.” *IEEE TCSVT*, 2026.  
- Sukhun Ko**, Chanhoe Eom, and Jihyong Oh[†]. “Implicit Neural Representations: A Holistic Survey of Techniques, Applications, and Challenges.” *IEIE SPC*, 2026.

^{*} Equal contribution. [†] Corresponding author.

RESEARCH INTERESTS

Generative AI	Flow Matching Models, Image Editing & Compositing, Agentic Video Generation
Low-Level Vision	Implicit Neural Representations, Super-Resolution, Video Frame Interpolation
3D Reconstruction	Neural Radiance Fields, 3D Gaussian Splatting

SKILLS

Programming & Development	Python, C/C++, Flask, Android Development
Data Science	SQL, NoSQL, Tableau, AWS S3
AI Frameworks & Tools	PyTorch, TensorFlow, OpenCV, Docker, Diffusers, Gradio

Last updated: September 10, 2026