

Jinseo Jeong

CONTACT INFORMATION

jinseo@vision.snu.ac.kr

[LinkedIn](#)
[Homepage](#)

EDUCATION

Seoul National University, Seoul, Korea

Integrated M.S. / Ph.D., Computer Science and Engineering, Mar 2020 - current

- Adviser: Professor Gunhee Kim
- Research Interests: Photorealistic Image Editing, Inverse Rendering

Chung-Ang University, Seoul, Korea

B.S., Integrative Engineering, Mar 2015 - Feb 2020

- **Valedictorian, GPA: 4.43 / 4.5** (Ranked 1st in the College of Engineering)
- Completed degree in 7 semesters (Early Graduation)

PUBLICATIONS

International

- LOCO: Local Light-Aware Object Compositing with Spatially Varying Illumination-Augmented Data
Jinseo Jeong, Hyunsoo Kim, Junseo Koo, Junhyeog Yun, Gunhee Kim, Soo Ye Kim, NeurIPS 2026
Joint work with Adobe Research
- Gaussian Blending: Rethinking Alpha Blending in 3D Gaussian Splatting
Junseo Koo, Jinseo Jeong, and Gunhee Kim, AAAI 2026
[\[pdf\]](#)[\[code\]](#)
- ESR-NeRF: Emissive Source Reconstruction Using LDR Multi-view Images
Jinseo Jeong, Junseo Koo, Qimeng Zhang, and Gunhee Kim, CVPR 2024
[\[pdf\]](#)[\[code\]](#)
- Continual Learning on Noisy Data Streams via Self-Purified Replay
Jinseo Jeong, Chris Dongjoo Kim*, and Gunhee Kim, ICCV 2021 (* equal contribution)*
[\[pdf\]](#)[\[code\]](#)
- Imbalanced Continual Learning with Partitioning Reservoir Sampling
Chris Dongjoo Kim, Jinseo Jeong, and Gunhee Kim, ECCV 2020
[\[pdf\]](#)[\[code\]](#)

Domestic

- 360 Image based Mixed Reality and User Interaction
Jinseo Jeong, Sanghyun Kim, Kyoungju Park, HCI KOREA 2018
- Content Preserving Style Transfer via Foreground Separation Algorithm
Jinseo Jeong, Sanghyun Kim, Eunme Ju, Myoungjin Kim, Youngbin Kim, KCGS 2018

EXPERIENCE

Industry Collaboration Project

- Image synthesis under novel viewpoints and lightings (2022 - 2023)
Samsung Electronics MX (Mobile Experience)
- Virtual object insertion into images using inverse rendering (2023 - 2024)
Samsung Electronics MX (Mobile Experience)
- Object Composition using Diffusion Models (2025 - 2026)
Adobe Research, published as LOCO (NeurIPS 2026)

	Research Intern • Vision & Learning lab, Seoul National Univ. (Jan 2019 - Feb 2020) • Intelligent Information Processing lab, Chun-Ang Univ. (Apr 2018 - Aug 2018) • Motion Graphics Lab, Chung-Ang Univ. (Dec 2016 - Feb 2018)
SKILLS	Research ▷ Inverse-rendering based re-lighting and object insertion • Neural rendering (3D reconstruction, novel view synthesis, and image editing) • Data robustness training (few-shot, continual, imbalanced, and noisy settings) Programming • Python, PyTorch, Blender, OpenGL, C++ Language • Korean (Native), English (Fluent, New TEPS Level 1, score: 471)
AWARDS AND HONORS	Academic • Samsung MX Appreciation for Industry-Academia Project, 2023 <i>Jinseo Jeong</i>, Junseo Koo, Gunhee Kim • Samsung Display Paper Award, 2020 (Gold Prize), Minui Hong, <i>Jinseo Jeong</i>, Jinsoo Yu, Gunhee Kim Volunteer • Minister of Education Award for Outstanding Education Volunteering, Government of South Korea, 2019 <i>Jinseo Jeong</i> (team leader), Seugyeop Han, Kyungji Choi, Jemyoung Lee, Hosul Jeon
PROFESSIONAL CONTRIBUTIONS	Reviewer • CVPR 2026, 2025, 2024 / CVPRW 2021 • ECCV 2026 / NeurIPS 2025, 2026 / BMVC 2026 / TCSVT 2025 / AAAI 2025 • ACMMM 2025, 2026 / ACMMM Dataset Track 2026 Invited Research Talk • Bringing Artificial Intelligence to Mixed Reality, CAU AI Department 2024 Leadership • Server Administrator (Vision & Learning Lab, SNU) - Managed computing resources and server maintenance • Student Representative (Haedong Advanced Engineering Building, SNU) - Led space organization and relocation for the CSE Department.