Jinseo Jeong

CONTACT INFORMATION

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LinkedIn
Home Page

EDUCATION

Seoul National University, Seoul, Korea

Integrated M.S. / Ph.D., Computer Science and Engineering,   Mar 2020 - current
- Adviser: Professor Gunhee Kim

Chung-Ang University, Seoul, Korea

B.S., Integrative Engineering,   Mar 2015 - Feb 2020
- *Valedictorian*, **GPA: 4.43 / 4.5** (1st ranked in the College of Engineering)
- Completed degree in 7 semesters (Early Graduation)

PUBLICATIONS

International
- 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 (July 2022 - June 2023)
  Samsung Electronics MX (Mobile Experience)
- **Virtual object insertion** into images using inverse rendering (Aug 2023 - Aug 2024)
  Samsung Electronics MX (Mobile Experience)

Research Intern at
- 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**, **Re-lighting**, **Light Estimation**, Image Manipulation
- Data Robustness Training (few-shot, continual, imbalanced, noisy)

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
  Jinseo Jeong, Junseo Koo, Gunhee Kim
- Samsung Display Paper Award, 2020 (Gold Prize),
  Minui Hong, *Jinseo Jeong*, Jinsoo Yu, Gunhee Kim

Volunteer

- Minister Award for outstanding education volunteering by the Minister of Education, Government of South Korea, 2019
  Jinseo Jeong, Seugyeop Han, Kyungji Choi, Jemyoung Lee, Hosul Jeon

PROFESSIONAL CONTRIBUTIONS

Reviewer

- CVPR 2025, 2024, 2021 (workshop) / ICCV 2025 / ACMMM 2025 / TCSVT 2025

Invited Research Talk

- Bringing Artificial Intelligence to Mixed Reality, CAU AI Department 2024

Leadership

- Server Administrator (VL Lab, SNU)
- Student Representative (Haedong Advanced Engineering Building, SNU)
  - Led space organization and relocation for the CSE Department.