Junmyeong Lee

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Education

Pohang University of Science and Technology (POSTECH)   *Mar, 2024 - Present*
Ph.D. Student, Graduate School of Artificial Intelligence (Advisor: Prof. Minsu Cho)

Gwangju Institute of Science and Technology (GIST)   *Mar, 2018 - Feb, 2024*
B.S. in Electrical Engineering and Computer Science (Advisor: Prof. Hae-Gon Jeon)
- GPA: 4.13/4.5 (Magna Cum Laude)

Boston University   *June-Aug, 2019*
Summer exchange student
- GPA: 4.0/4.0

Experience

Team vFlat, VoyagerX   *Seoul, South Korea*
ML engineer   *Aug, 2021 - Dec, 2022*
- On-device inference optimization using TFLite and ONNX.
- Build Millon-scale data pipeline for training and evaluation.
- Designed an image enhancement model to enhance degraded smartphone-captured document images.

Search CIC, Naver Corp.   *Seongnam, South Korea*
Research Intern   *Jan-May, 2021*
- Research Topic : Large-scale vector retrieval optimization
- Optimized dense vector retrieval efficiency through experiments in a billion-scale data environment.

Publications

Space-Time Forecasting of Dynamic Scenes with Motion-aware Gaussian Grouping   *June, 2026*
Junmyeong Lee*, Hoseung Choi*, Minsu Cho (*: *equal contribution*)
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2026

RoDyGS: Robust Dynamic Gaussian Splatting for Casual Videos   *Dec, 2024*
Yoonwoo Jeong*, Junmyeong Lee*, Hoseung Choi*, Minsu Cho (*: *equal contribution*)
Arxiv Preprint, 2024

CanonicalFusion: Generating Drivable 3D Human Avatars from Multiple Images   *Sep, 2024*
Jisu Shin, Junmyeong Lee, Seongmin Lee, Min-Gyu Park, Ju-Mi Kang, Ju Hong Yoon, Hae-Gon Jeon
European Conference on Computer Vision (ECCV), 2024

Award & Scholarships

Outstanding Poster Presentation Award, IPIU 2025   *Feb, 2025*
Recognized for excellence in presentation at 37th Workshop on Image Processing and Understanding (IPIU).

POSTECHIAN fellowship, POSTECH   *Mar, 2024*
Prestigious Scholarship for Outstanding Graduate Students at POSTECH

National Science & Techology Scholarship, KOSAF   *Mar, 2020 - Feb, 2024*
National Scholarship for outstanding students in Science&Technology