



권민수

3D Computer Vision Student Researcher

M.S. in Artificial Intelligence

Robotics and Computer Vision Lab

University of Seoul

인적사항 (Personal Details)

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LinkedIn [/in/minsu-kwon-a1a896212/](https://in.linkedin.com/in/minsu-kwon-a1a896212/)

GitHub [@intMinsu](https://github.com/intMinsu)

학력 (Education)

서울시립대학교 (University of Seoul), Seoul, South Korea

M.S. in Artificial Intelligence, Feb 2026 (expected)

Robotics and Computer Vision Lab

Thesis: *FLOW-2DGS: Flow-guided Monocular Geometry for Metric-scale Gaussian Splatting*

Advisor: Prof. Jiyoung Jung

B.A. in Electrical and Computer Engineering, Feb 2024

School of Electrical and Computer Engineering

연구 관심 분야 (Research Interests)

3D Computer Vision; 3D Reconstruction; Gaussian Splatting; Structure-from-Motion;
Neural Rendering

학술 논문 (Conference Papers)

- **Flow-SfM: Flow-Gated Structure from Motion with Dense UFM Correspondences** (submitted)

다중 뷰 이미지 간 Dense UFM correspondences를 활용한 Structure from Motion(SfM) 연구.

Project page: intminsu.github.io/projects/flow-sfm

연구 및 프로젝트 (Research & Projects)

- **Flow-2DGS: Flow-guided Monocular Geometry for Metric-scale Gaussian Splatting** (ongoing)

단일(monocular) 영상에서 Dense flow를 활용해 metric-scale 3D geometry를 Gaussian splatting으로 복원하는 방법 연구.

석사 졸업논문 주제로 진행 중.

Project page: intminsu.github.io/projects/flow-2dgs

Teaching & Work Experience

- **Teaching Assistant – 지능형로봇 (Intelligent Robots)**
서울시립대학교, 2023–2025
NVIDIA Jetson 기반 실습 환경 구축 및 유지보수.
TensorRT를 활용한 딥러닝 추론 예제 구현 및 배포.
수업용 예제 코드 및 실습 자료 관리.
Project page: [Notion page](#)

기술 (Skills)

- **Programming:** Python
- **Deep Learning:** PyTorch, CUDA
- **Computer Vision & 3D:** OpenCV, Structure-from-Motion, 3D Gaussian Splatting
- **Tools:** Linux, Git
- **Language:** 한국어(원어민), 영어(능숙함)

수상 (Awards)

- **1st Place, 2023 DAICON + AICOSS Computer Vision Hackathon**
DAICON에서 진행한 Satellite image classification 데이터 분석 및 모델링을 수행하여 시립대학교 팀으로 종합 1위 달성.
Slides: [Google slides](#)
Award photo: [Google photo](#)