



## 권민수

3D Computer Vision Student Researcher

M.S. in Artificial Intelligence  
Robotics and Computer Vision Lab  
University of Seoul

## PERSONAL DETAILS

Date of Birth 1999-01-16  
Email [minsucv@gmail.com](mailto:minsucv@gmail.com)  
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LinkedIn [/in/mino-kwon-a1a896212/](https://www.linkedin.com/in/mino-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 correspondence와 optical flow를 활용한 Structure from Motion(SfM) 연구.  
Project page: [intminsu.github.io/flow-sfm](https://intminsu.github.io/flow-sfm)

## 연구 및 프로젝트 (Research & Projects)

- **Flow-2DGS: Flow-guided Monocular Geometry for Metric-scale Gaussian Splatting**  
(ongoing)  
단일(monocular) 영상에서 optical flow를 활용해 metric-scale 3D geometry를 Gaussian splatting으로 복원하는 방법 연구.  
석사 졸업논문 주제로 진행 중.  
Project page: [intminsugithub.io/flow-2dgs](https://intminsugithub.github.io/flow-2dgs)
- **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](#)

## 수상 (Awards)

- **1st Place, 2023 DAICON + AICOSS Computer Vision Hackathon**  
컴퓨터 비전 과제에 대한 데이터 분석 및 모델링을 수행하여 종합 1위 달성.  
Slides: [Google slides](#)  
Award photo: [Google photo](#)