SANGMIN KIM

1, Gwanak-ro, Gwanak-gu, Seoul, Republic of Korea (08826)

Email · Homepage · LinkedIn · Github

EDUCATION

Seoul National University   Seoul, Republic of Korea
M.S./Ph.D. in Artificial Intelligence   *March 2024 - Present*

- Vision Geometric Intelligence Lab (Advisor: Prof. Jaesik Park)

Chung-Ang University   Seoul, Republic of Korea
B.S. in Computer Science and Engineering (Magna Cum Laude)   *March 2018 - Feb 2024*

WORK EXPERIENCE

Research Intern   Seongnam, Republic of Korea
NAVER Cloud   *October 2025 - present*

- Working on dynamic Gaussian Splatting and 3D human avatar reconstruction.

Undergraduate Research Intern   Seoul, Republic of Korea
Vision Geometric Intelligence Lab (Seoul National University)   *September 2023 - February 2024*

- Worked on 3D human reconstruction problems (Advisor: Prof. Jaesik Park).

Consulting Intern   Seoul, Republic of Korea
Deloitte Korea   *November 2021 - February 2022*

- Assisted consulting on revision of Shinhan Bank's ICT regulations.

PUBLICATIONS

Sangmin Kim, Seunguk Do, Daeun Lee, and Jaesik Park.
Compositional Entertainment Video Reconstruction.
Under review, 2025.

Minseo Lee*, Byeonghyeon Lee*, Lucas Yunkyu Lee, Eunsoo Lee, **Sangmin Kim**, Seunghyeon Song, Joo Chan Lee, Jong Hwan Ko, Jaesik Park, and Eunbyung Park
Optimized Minimal 4D Gaussian Splatting for Dynamic Scene Representation.
Under review, 2025.

Sangmin Kim, Seunguk Do, and Jaesik Park.
ShowMak3r: Compositional TV Show Reconstruction.
In Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2025.

HONORS AND AWARDS

Grand Award, AI Startup Competition, Seoul National University   *September 2025*
M.S. Fellowship, Korean Ministry of Education   *September 2024*
Excellence Award, Capstone Design Competition, Chung-Ang University   *June 2023*
Excellence Award, SW Development Competition, National IT Industry Promotion Agency (NIPA)   *June 2023*
Academic Scholarship, Chung-Ang University   *January 2023*
Excellence Award, MACH Game Art Project Exhibition, Chung-Ang University   *November 2018*
Silver Award, Software Hackathon, Korea University SW Volunteer Group   *December 2016*
Gold Award, STEAM Camp, Korea University   *February 2016*

PATENTS

Sangmin Kim, Seunguk Do, and Jaesik Park   *April 2025*
Apparatus and method for entertainment video reconstruction
Patent No. 10-2025-0052900, Republic of Korea, (Pending)

OTHER EXPERIENCE

Invited Talk

- Presented ShowMak3r demonstration to Amazon Prime Video VfX team   *Online, May 2025*

Teaching Assistant

- M2177.008600 Introduction to Artificial Intelligence, Seoul National University   *March 2024 - June 2024*

Military Service

- Assistant Drill Instructor, 3rd Infantry Division, Republic of Korea Army (ROKA)   *April 2020 - October 2021*

SKILLS

Programming Languages	Python, Dart, Java, C/C++, Assembly
Frameworks	Pytorch, Flutter
Software Tools	Unity, Blender
Technical Skills	ML/DL, Computer Vision, Git, OOP, Linux, Data Structure, Algorithm

QUALIFICATIONS

Test of English Proficiency (TEPS)	511/600 (top 4.86%)
Test Of English for International Communication (TOEIC)	920/990