

SANGMIN KIM

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

Email · Homepage · LinkedIn · Github

EDUCATION

Seoul National University

M.S./Ph.D. in Artificial Intelligence

Seoul, Republic of Korea

March 2024 - Present

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

Chung-Ang University

B.S. in Computer Science and Engineering (Magna Cum Laude)

Seoul, Republic of Korea

March 2018 - Feb 2024

WORK EXPERIENCE

Undergraduate Research Intern

Vision Geometric Intelligence Lab (Seoul National University)

Seoul, Republic of Korea

September 2023 - February 2024

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

Undergraduate Research Intern

Vision Learning Lab (Chung-Ang University)

Seoul, Republic of Korea

January 2023 - July 2023

- Studied computer vision and deep learning (Advisor: Prof. Eunwoo Kim).

Intern

Deloitte Korea

Seoul, Republic of 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
Apparatus and method for entertainment video reconstruction
Patent No. 10-2025-0052900, Republic of Korea, (Pending)

April 2025

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