Seunggi Moon

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EDUCATION

Korea University   Mar. 2020 – Feb. 2026 (Including Military Service)
College of Informatics   *Seoul, South Korea*
- B.S. in Computer Science and Engineering
- **Cumulative GPA: 4.3/4.5**

RESEARCH INTERESTS

- **Generative Models:** Image and Video Generation, Audio Generation, Diffusion Models
- **Vision-Language Models:** VLM Agents
- **3D Reconstruction:** SLAM Models

EXTRACURRICULAR ACTIVITIES

Artificial Intelligence Society in Korea University (AIKU)   Jan. 2024 – Present
Senior Member   *Seoul, South Korea*
- Completed a society-hosted bootcamp course covering from Deep Learning fundamentals to the core of Computer Vision and Natural Language Processing.
- Led multiple paper review sessions and technical seminars as a senior member.
- Conducted collaborative projects focusing on Human Pose Estimation and Deep Reinforcement Learning.
- Received multiple awards in society-hosted datathons.

Korea University Web Masters (KWEB)   Mar. 2023 – Dec. 2023
Junior Member   *Seoul, South Korea*
- Completed introductory course in full-stack web development, focusing on both frontend and backend technologies.

EXPERIENCE

KAIST AI Research Internship (KAIRI)   Dec. 2024 – Mar. 2025
Research Intern   *Seongnam, South Korea*
- Proposed a Diffusion-based model architecture for solving Zero-shot Head Swapping tasks.

SKT AI Fellowship   May 2024 – Oct. 2024
Research Fellow   *Seoul, South Korea*
- Collaborated with **SK Telecom**, the largest telecommunication operator in South Korea.
- Conducted research on 3D Object Insertion in Video for commercial product applications.
- Developed an automated pipeline for Virtual Product Placement, implementing camera parameter inference and 3D object synthesis in video sequences.

Military Service   Jun. 2021 – Dec. 2022
KATUSA Sergeant   *Daegu, South Korea*
- Served 18 months of mandatory military service as KATUSA (Korean Augmentation To the United States Army).
- Contributed to cooperation between U.S. military and local community while working in Public Affairs.

Honors & Awards

Korea University College of Informatics Datathon Nov. 2024
1st Place

- Led team research on enhancing image captioning performance of Vision-Language Models.

Seoul Metropolitan City AIoT Hackathon Nov. 2023
2nd Place

- Led development of an autonomous waste collection robot with real-time server communication.
- Received commendation from **Seoul Mayor Oh, Se-hoon**.

Korea University College of Informatics Hackathon Nov. 2023
4th Place

- Designed and developed an online community platform for Korea University's College of Informatics students, alumni, and prospective students.

Korea Olympiad in Informatics (KOI) Jul. 2015
Encouragement Award

- Participated in the 32nd Korea Olympiad in Informatics, Middle School Division.

Language Skills

English – Professional Working Proficiency

- TOEIC 960

Korean – Native