

# Seunggi Moon

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## EDUCATION

### Korea University

*College of Informatics*

Mar. 2020 – Feb. 2026 (Including Military Service)

*Seoul, South Korea*

- B.S. in Computer Science and Engineering
- **Cumulative GPA: 4.31/4.5**

## RESEARCH INTERESTS

- **Generative Models:** Audio/Video Generation, G-Buffer-Guided Style Transfer
- **Vision-Language Models:** VLM Agents, Reinforcement Learning Friendly VLMs
- **Reinforcement Learning**

## EXTRACURRICULAR ACTIVITIES

### Artificial Intelligence Society in Korea University (AIKU)

*Senior Member*

Jan. 2024 – Present

*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)

*Junior Member*

Mar. 2023 – Dec. 2023

*Seoul, South Korea*

- Completed introductory course in full-stack web development, focusing on both frontend and backend technologies.

## EXPERIENCE

### SKT AI Fellowship

*Research Fellow*

May 2024 – Oct. 2024

*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

*KATUSA Sergeant*

Jun. 2021 – Dec. 2022

*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

*1st Place*

Nov. 2024

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

### Seoul Metropolitan City AIoT Hackathon

*2nd Place*

Nov. 2023

- 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

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### **English – Professional Working Proficiency**

- TOEIC 960
- Gained professional English communication experience during military service in U.S. Forces Korea.

### **Korean – Native**