

Sang Ho Kim

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RESEARCH INTEREST

Multimodal Perception, Social Interaction Modeling, Artificial Social Intelligence

SUMMARY

My interest lies at the intersection of multimodal social modeling, cognitive science, and spatial reasoning, with a long-term goal of pursuing a PhD in computer science. I am particularly interested in exploring how human soft skills can be modeled in intelligent machines, while contributing to the development of ethical and responsible AI ecosystems.

EDUCATION

The University of Texas at Austin (UT Austin)

Exchange Student, Department of Computer Science (GPA: 3.89/4.0)

Aug 2025 – Present

Austin, TX, USA

- Courses: Visual Recognition (CS 381V, Grad), Computer Vision (CS 376), Neural Networks (CS 342)

Sungkyunkwan University (SKKU)

B.S. in Computer Science & Engineering (GPA: 4.5/4.5), Artificial Intelligence (GPA: 4.4/4.5)

Mar 2021 – Expected Feb 2027

B.A. in Political Science & International Relations (triple major)

Seoul, South Korea

- Courses: Computer Vision, Deep Learning, Machine Learning, AI Basics and Applications

EXPERIENCE

The University of Texas at Austin

Undergraduate Student Researcher (Advisor: Prof. Kristen Grauman, Prof. Georgios Pavlakos)

Aug 2025 – Present

Austin, TX, USA

- Topics: Multi-Dimensional Interaction Detection, Multimodal Social Interaction Modeling
- Thesis: Modeling Multimodal Interaction Detection with 4D Human Body Mesh (Under research)

The Ministry of Science and ICT

Youth Policy Advisor (AI Bureau)

Jan 2025 – Dec 2025

Seoul, South Korea

- Analyzed foreign policies and global industry trends to propose Korea-specific AI strategy recommendations aligned with worldwide standards

Sungkyunkwan University

Undergraduate Student Researcher (Advisor: Prof. Sangmin Lee)

Sep 2024 – Sep 2025

Seoul, South Korea

- Topics: Nonverbal Interaction Detection, Multi-party Interaction Understanding
- Thesis: Improving Nonverbal Interaction Detection with Hierarchical Graph Neural Networks

Seoul National University

Undergraduate Student Researcher (Advisor: Prof. Hyojin Sung)

Jul 2024 – Oct 2024

Seoul, South Korea

- Topics: Large Language Model Optimization, Deep Learning Compiler Optimization

ROK Air Force Operations Command,

Data Support Assistant, Informative Communications Branch

Jul 2022 – Apr 2024

Pyeongtaek, South Korea

- Collaborated with ROKAF and USAF communication system development teams on maintenance requests
- Reported system status and delivered comprehensive weekly cyber reports to the command post, ensuring smooth ROKAF/USAF joint communication operations

SCHOLARSHIPS, HONORS AND AWARDS

UT University Honors, UT Austin

Fall 2025

ROK-US Presidential STEM Initiative Scholarship, Ministry of Trade and Industry (Full Scholarship)

Fall 2025

Student Success Creative Scholarship, SKKU (Full Scholarship)

Fall 2025

National Talent Award, Korea Student Aid Foundation (ROK)

Fall 2025

Minister's Award, Ministry of Education (ROK)

Fall 2025

Minister's Award, Ministry of Foreign Affairs (ROK)

Fall 2024

The President's Volunteer Service Award, AmeriCorps (USA)

Fall 2024

Chief of Staff's Award, Republic of Korea Air Force

Fall 2023

Dean's Award, SKKU College of Computing and Informatics

Spring 2022