

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) <i>Exchange Student, Department of Computer Science</i> (GPA: 3.89/4.0) <ul style="list-style-type: none">Courses: Visual Recognition (CS 381V, Grad), Computer Vision (CS 376), Neural Networks (CS 342)	Aug 2025 – Present Austin, TX, USA
Sungkyunkwan University (SKKU) <i>B.S. in Computer Science & Engineering</i> (GPA: 4.5/4.5), <i>Artificial Intelligence</i> (GPA: 4.4/4.5) <i>B.A. in Political Science & International Relations</i> (triple major) <ul style="list-style-type: none">Courses: Computer Vision, Deep Learning, Machine Learning, AI Basics and Applications	Mar 2021 – Expected Feb 2027 Seoul, South Korea

EXPERIENCE

The University of Texas at Austin <i>Undergraduate Student Researcher</i> (Advisor: Prof. Kristen Grauman, Prof. Georgios Pavlakos) <ul style="list-style-type: none">Topics: Multi-Dimensional Interaction Detection, Multimodal Social Interaction ModelingThesis: Modeling Multimodal Interaction Detection with 4D Human Body Mesh (Under research)	Aug 2025 – Present Austin, TX, USA
The Ministry of Science and ICT <i>Youth Policy Advisor</i> (AI Bureau) <ul style="list-style-type: none">Analyzed foreign policies and global industry trends to propose Korea-specific AI strategy recommendations aligned with worldwide standards	Jan 2025 – Dec 2025 Seoul, South Korea
Sungkyunkwan University <i>Undergraduate Student Researcher</i> (Advisor: Prof. Sangmin Lee) <ul style="list-style-type: none">Topics: Nonverbal Interaction Detection, Multi-party Interaction UnderstandingThesis: Improving Nonverbal Interaction Detection with Hierarchical Graph Neural Networks	Sep 2024 – Sep 2025 Seoul, South Korea
Seoul National University <i>Undergraduate Student Researcher</i> (Advisor: Prof. Hyojin Sung) <ul style="list-style-type: none">Topics: Large Language Model Optimization, Deep Learning Compiler Optimization	Jul 2024 – Oct 2024 Seoul, South Korea
ROK Air Force Operations Command, <i>Data Support Assistant, Informative Communications Branch</i> <ul style="list-style-type: none">Collaborated with ROKAF and USAF communication system development teams on maintenance requestsReported system status and delivered comprehensive weekly cyber reports to the command post, ensuring smooth ROKAF/USAF joint communication operations	Jul 2022 – Apr 2024 Pyeongtaek, South Korea

SCHOLARSHIPS, HONORS AND AWARDS

UT University Honors, UT Austin	Fall 2025
ROK-US Presidential STEM Initiative Scholarship, Ministry of Trade and Industry (<i>Full Scholarship</i>)	Fall 2025
Student Success Creative Scholarship, SKKU (<i>Full Scholarship</i>)	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