Sooran Kim

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RESEARCH INTERESTS

I focus on bridging **cognitive psychology** and **computer vision**, exploring how brain-inspired principles can inform AI systems. My work aims to enhance our understanding of both autonomous systems and human cognition through the study of complex visual reasoning.

EDUCATION

Yonsei University, Seoul, Korea Mar 2022 - Expected Feb 2026
B.A. in Psychology & *B.S.* in Computer Science
Advanced Major in Psychology and AI Convergence
GPA: 4.14/4.3

EXPERIENCE

VCC Lab, Yonsei University Sept 2024 - Present
Undergraduate Research Assistant (Advisor: Sang Chul Chong)
- Conduct weekly discussions with Prof. Chong, reviewing research on amodal completion.
- Explore applications of psychological concepts to computer vision tasks related to amodal perception.

Yonsei AI, Artificial Intelligence Club Jul 2024 - Present
Club Member
- Focus on reading, presenting, and discussing computer vision papers with club members.
- Participated in a computer vision toy project, fine-tuning Detectron2 for face mosaic.

Yonsei Tutoring Program Mar 2024 - Jun 2024
Tutor
- Provided personalized tutoring sessions in psychology to a student from Kazakhstan.

Dongnyeok Community Children's Center Mar 2022 - Dec 2023
Mentor & Instructor
- Mentored middle and high school students in mathematics.
- Contracted as an instructor in 2023, delivering structured lessons.
- Accumulated 206.5 volunteer hours.

HONORS AND AWARDS

Honor, Yonsei University Aug 2022
- Awarded to students in the top 10% based on GPA.

Veritas Scholarship, Yonsei University Fall 2024, Spring 2023, Fall 2022
- Granted for academic excellence, based on GPA and credit completion.

SKILLS

Programming Languages
- Python, C/C++, MATLAB

Languages
- Korean (native), English (TOEIC 905)

SERVICES

Text DAISY Production for Visually Impaired Sept 2022 - Dec 2022
- Created a DAISY book for national distribution via SongAm Braille Library, totaling 20 volunteer hours.

Knitting Hats for Infants in Poverty Mar 2022 - Jun 2022
- Knitted hats for infants in global poverty, totaling 20 volunteer hours.