

Sooran Kim

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RESEARCH INTERESTS

My initial interest in computer vision stemmed from exploring how cognitive psychology and brain-inspired principles can inform AI systems. Currently, I am exploring **amodal completion** and have a strong interest in video-related tasks such as tracking, segmentation, and generation. I remain open to exploring various other topics within computer vision.

EDUCATION

Yonsei University, Seoul, Korea Mar 2022 - Present
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 Student (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

- Read, present, and discuss 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

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.