


# Sung-jin Park

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## EDUCATION

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### Sungkyunkwan University

*Bachelor of Applied Artificial Intelligence*

Feb. 2021 – Aug. 2026

Seoul, Republic of Korea

- **GPA:** 4.41/4.5 (Major), 4.39/4.5 (Overall)

## PUBLICATIONS

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### Constraint Optimization Modeling for End-of-Life Counseling Using Multi-Agent Systems

Sung-jin Park, Piao Huilin, Seo-in Choi, Jun-bo Shim, Ha-young Oh

*Journal of the Korea Institute of Information and Communication Engineering, 2026*

### Speak2UI: Voice Assistance Technology for Mobile Accessibility

Sung-jin Park, Jin-a Park, Ha-young Oh

*Journal of the Korea Institute of Information and Communication Engineering, 2026*

### Non-contact Input Method based on Face Recognition and Pyautogui Mouse Control

Sung-jin Park, Ye-eun Shin, Byung-joon Lee, Ha-young Oh

*Journal of the Korea Institute of Information and Communication Engineering, 2022*

## EXPERIENCE

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### Learning and Mining from Multimodal Dataset Lab

*Undergraduate Researcher*

Feb. 2025 – Dec. 2025

Seoul, Republic of Korea

- LAMDA Lab, Sungkyunkwan Univ. (*advisor: Ha-young Oh*)
- Conducted research on multi-agent systems and LLM-as-a-judge in medical domains
- Developed agentic memory, orchestration, and RAG pipelines using Langchain

### Sungkyunkwan University SPARK

*Startup Accelerator Program, 15th Cohort*

May 2025 – Sep. 2025

Suwon, Republic of Korea

- Conducted research and development on voice-based mobile interaction using LLMs

### Republic of Korea Air Force

*Compulsory Military Service as Aircraft Maintenance Technician*

Feb. 2023 – Nov. 2024

### Learning and Mining from Multimodal Dataset Lab

*Undergraduate Researcher*

Sep. 2022 – Nov. 2022

Seoul, Republic of Korea

- LAMDA Lab, Sungkyunkwan Univ. (*advisor: Ha-young Oh*)
- Conducted research in Human-Computer Interaction on alternative input methods
- Developed real-time UI control using head pose estimation and eye-blink detection

## PATENTS

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### Non-contact Input Method Based On Face Recognition And Mouse Control And Device Performing Method

Sung-jin Park, Ye-eun Shin, Byung-joon Lee, Ha-young Oh

*KR102883239B1 (Registration No. 10-2883239)*

## SKILLS

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**Strong** : Python, Pytorch, Transformers, Scikit-learn, Numpy

**Knowledgeable** : Go, C/C++, Tensorflow, Opencv, Langchain, FastAPI

**Tools** : Linux, Git, Docker, LaTeX

## AWARDS & HONORS

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### **Bias-A-Thon: Bias Mitigation Challenge (Track 2)** [🔗](#)

May 2025

*3rd place out of 109 teams*

DACON

- Conducted experiments on bias mitigation with LLaMA 3 using prompt engineering

### **Speech Emotion Recognition AI Competition** [🔗](#)

Dec. 2022

*2nd place out of 259 teams*

DACON

- Conducted text processing experiments and fine-tuned RoBERTa for sentiment classification

### **Co-Deep Learning Project** [🔗](#)

Aug. 2022

*Excellence Award*

Sungkyunkwan Univ.

- Developed an alternative input method using real-time face detection on CPU devices

### **Dean's List Award**

May 2022

*College of Computing and Informatics*

Sungkyunkwan Univ.

### **Academic Excellence Scholarship**

2021 – 2022

*College of Computing and Informatics*

Sungkyunkwan Univ.

- 2022 Spring Semester, 4.43/4.5 GPA for 20 credits
- 2021 Fall Semester, 4.5/4.5 GPA for 18 credits
- 2021 Spring Semester, 4.5/4.5 GPA for 18 credits

## Others

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### **Technical Blog** [🔗](#)

*denev6.github.io*

- Covers AI-related topics, engineering, and personal projects
- *Math*: Image compression using Singular Value Decomposition (Korean) [🔗](#)
- *Paper-review*: Hands-on guide to LLM-as-a-judge (Korean) [🔗](#)
- *Engineering*: Building a real-time object detection server with Go (Korean) [🔗](#)

### **Language Proficiency**

- **English**: TOEIC 885
- **Korean**: Native