SuMi Song

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https://github.com/SumiSong

EDUCATION

Feb. 2021 ~ Present	**Baekseok University** Artificial Intelligence	Cheonan, Korea
	Bachelor Student GPA: 4.13 / 4.5	

RESEARCH INTERESTS

- Computer Vision
- Anomaly Detection
- Industrial AI
- Artificial Intelligence (AI)

RESEARCH EXPERIENCES

- Research Developer at NEVIX, Smart Monitoring System(Prototype) / CV-based industrial monitoring & volume estimation, Korea (Jan. 2026 ~ Mar. 2026)

- Intern at Samyang Corporation (Samyang Discovery Center), Bio-Convergence Research Institute, Metabolic Pathway Design PG, industrial data structuring & ML analysis, Korea (Sep. 2025 ~ Dec. 2025)

- Undergraduate Research Assistant at AI & Data Engineering Lab (Advisors: Profs. Seokgu Lim and Hyunseob Lee), Baekseok University, Korea (Jan. 2022 ~ Jun. 2024)

CONFERENCES

1. Sumi Song, Hyunseob Lee, "Analysis and Design for Improving Read Performance in NAND Flash Memory Storage Devices," Korea Information Processing Society (KIPS), May 2023.

AWARDS AND HONORS

- Grand Prize, Startup Idea Competition, Baekseok University, Korea (May. 2023)

- Encouragement Award, Social Problem–Solving Mini Hackathon, Baekseok University, Korea (Oct. 2022)

- Encouragement Award, Smart IT Competition, Baekseok University, Korea (Dec. 2021)

- Academic Excellence Scholarship(6 Semesters), Baekseok University, Korea (Jul. 2021 ~ Jul. 2024)
- Faculty Recommendation Scholarship(4 Semesters), Baekseok University, Korea (Feb. 2022 ~ Aug. 2024)

PROJECT

- Webcam-Based Real-Time Sign Language Recognition System, Baekseok University, Korea (Apr. 2025 ~ Jun. 2025)
- YOLOv5-Based Real-Time Object Detection System, Baekseok University, Korea (Apr. 2024 ~ Jun. 2024)
- 3rd EcoBank Competition on Functional and Ecological Big Data Utilization National Institute of Ecology, Korea (Nov. 2023)
- Automated Stock Prediction and Trading System, Baekseok University, Korea (Oct. 2021 ~ Dec. 2021)

QUALIFICATIONS

- Unmanned Multicopter (3 Types) Certificate, Korea Transportation Safety Authority (KTS), Sep. 2022