SEOHYEON CHANG

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EDUCATION

Bachelor of Science | *Major: Computer Science and Engineering* — Mar. 2025 – Present
Korea University GPA 4.46/4.5 , Major GPA 4.5/4.5 — Seoul, South Korea

High School | *Early Graduation* — Mar. 2023 – Feb. 2025
Chungbuk Science High School — Chungbuk, South Korea

PROJECTS AND RESEARCH

RoboJam Project | *AIKU* — Feb. 2026 - Present
Developed a reinforcement learning environment using Webots and Gymnasium

Story Board Project | *AIKU* — Dec. 2025
Built an AI storyboard sketcher using Stable Diffusion

XR Service Development Competition | *Ministry of Science and ICT* — Aug. 2025
Built a cooking assistant combining Meta Quest 3 and conversational AI

Kaggle FlightRank 2025: Aeroclub RecSys Cup | *Kaggle* — Aug. 2025
Designed a Two-Tower architecture to map user-flight embeddings for efficient candidate retrieval

AI-Generated Image Classification | *AIKU* — Aug. 2025
Junior-thon 1st place, Classified images generated by distinct AI architectures

HONORS AND AWARDS

ICPC 2025 Seoul Regional — Nov. 2025
49th place, 6 solved

ICPC 2025 Seoul Online Preliminary Contest — Oct. 2025
51st place, 4 solved

2025-1 Academic Excellence Scholarship — Sep. 2025
Full Tuition Exemption

LEADERSHIP & CLUB ACTIVITIES

AIKU (Deep Learning Club) — July 2025 – Present
Selected Presentations — Korea University
- ML, DL Basics and Pytorch
- Language Models Use Trigonometry to Do Addition
- Group Equivariant Convolutional Networks
- An Image is Worth 32 Tokens for Reconstruction and Generation

ALPS (Algorithm & Problem Solving Club) — Sep. 2025 – Jan. 2026
Club President — Korea University
- Direct the academic club as President, managing regular sessions and study groups.
- Organized the **2025 Korea University Collegiate Programming Contest (KCPC)**, managing logistics and serving as a problem setter and reviewer.

MatKor (Informaion Security & Algorithm Club) — May. 2025 – Jan. 2026
Executive Board Member — Korea University
- Served as a Problem Setter and Reviewer for **The 7th MatKor Cup (Summer 2025)**.

SKILLS

Languages: Korean(Native), English, Chinese(HSK level 4)
Programming: C, C++, Python (NumPy, PyTorch)
Document Creation: LaTeX, Markdown