

JAEYOUNG KWON

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EDUCATION

Seoul National University

Seoul, South Korea

B.S. in Chemistry Education

& Computer Science Engineering (Double Major)

Mar 2020-Feb 2027(Expected)

PROFESSIONAL EXPERIENCE

Rubis Lab, Seoul National University

Seoul, South Korea

Undergraduate Researcher Intern

Jul 2025 – Present

- Conducted research on ADHD detection using digital phenotyping, focusing on stylus-based visualized spatial features.
- Contributed to the research of an agent-based AI mental health service

HCI Lab, Seoul National University

Seoul, South Korea

Undergraduate Researcher (UROP)

Mar 2025 – Jun 2025

- Co-first author for a short paper presented at the KIISE Korea Computer Congress (KCC) 2025 HCI track, Undergraduate Student Paper Competition.

Waffle Studio, SNU Web/App Dev Club

Seoul, South Korea

Developer (FastAPI, React)

Sep 2024 – Feb 2025/ Sep 2025 – present

- Completed backend training and toy project using FastAPI and MySQL.
- Waffice — Intranet Platform Development Project using React

PROJECTS

FitConnect — AI-generated interviews + embedding-based matching (HCI).

MindMate — Gamified AI companion for mental well-being (HCI).

Only selected HCI-related projects are listed. See more in jaykwon.me/projects.

PUBLICATIONS

Korea Computer Congress (KCC 2025), Undergraduate Track — Outstanding Award

Seoul, South Korea

Co-first Author

June 2025

- Jeon, J.*, **Kwon, J.***, Choe, K., Song, J., Kim, N. W., & Seo, J. "Evaluating the Role of Large Language Models in Detecting and Interpreting Visualization Misleading Issues."

SKILLS

- **Languages:** Python, C++, Java, TypeScript (learning)
- **Web Development:** FastAPI, React, MySQL, Docker, AWS (EC2/S3), Figma
- **AI / ML:** PyTorch, Hugging Face
- **Language Proficiency:** Korean (Native), English (Fluent)

AWARDS & COMPETITIONS

2nd Defense AI Challenge

South Korea

Team Sparta Award (7th Place)

Dec 2023

- Developed a speech-to-text model using Hugging Face Transformers.
- Solved real-world defense-related audio processing tasks in a team setting.

Data Venture 2025 (Big Data Innovation Univ. × AWS Korea)

South Korea

Top 4 Finalist – Flex Mission (Award Confirmed)

Nov 2025

- Selected as one of the top 4 teams (out of 10); final award results pending.
- Developed a conversation-based AI recruitment matching service using OpenAI API and data embedding models with a RAG-based architecture.

MILITARY SERVICE

Republic of Korea Army (ROKA)	Nonsan Training Center, South Korea
Medic	Dec 2022 – Jun 2024
<ul style="list-style-type: none">◦ Completed basic training and served as a medic in the Republic of Korea Army.◦ Squad Leader	

EXTRACURRICULAR ACTIVITIES

Chemt (Chemistry Education Volunteer Club)	Seoul National University
Member	Mar 2021 – Dec 2021
<ul style="list-style-type: none">◦ Conducted chemistry experiment education volunteering for high school students.	
SNUVS (SNU Visiting School)	Seoul National University
Member	Mar 2022 – Jul 2022
<ul style="list-style-type: none">◦ Conducted educational volunteering, teaching economics to middle school students in the Pyeongchang, Gangwon-do region.	
SNUSV (Startup Venture Club)	Seoul National University
Member	Sep 2022 – Dec 2022
<ul style="list-style-type: none">◦ Completed official student-run entrepreneurship and venture-building program.	
SCSC (SNU Computer Science Study Club)	Seoul National University
Member	Mar 2025 – Jun 2025
<ul style="list-style-type: none">◦ Participated in a computer architecture study, covering key topics such as pipelining, and memory hierarchy.	
SNUValue (Value Investing Club)	Seoul National University
Team Leader & Executive Member	Sep 2024 – Jun 2025
<ul style="list-style-type: none">◦ Oversaw project planning and internal operations as part of the executive team.◦ Engaged in equity research and value-based investment activities.	