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

KIXLAB, Korea Advanced Institute of Science & Technology	Daejeon, South Korea
Undergraduate Researcher Intern	Jan 2026 – Present

Rubis Lab, Seoul National University	Seoul, South Korea
Undergraduate Researcher Intern	Jul 2025 – Dec 2025

- Conducted research on ADHD detection using digital phenotyping, with a focus on stylus-based spatial features associated with dysgraphia.
- 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

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
Chairman's Award, National Research Foundation of Korea prize (2nd Place)	Nov 2025

- Built a conversation-driven AI recruitment matching system leveraging OpenAI APIs, LangChain, and LangGraph for explainable matching workflows.

Military Service

Republic of Korea Army (ROKA)   Nonsan Training Center, South Korea
Medic   Dec 2022 – Jun 2024
- 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
- Conducted chemistry experiment education volunteering for high school students.

SNUVS (SNU Visiting School)   Seoul National University
Member   Mar 2022 – Jul 2022
- 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
- Completed official student-run entrepreneurship and venture-building program.

SCSC (SNU Computer Science Study Club)   Seoul National University
Member   Mar 2025 – Jun 2025
- 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
- Oversaw project planning and internal operations as part of the executive team.
- Engaged in equity research and value-based investment activities.