

Sungmin Jo

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EDUCATION

Seoul National University (SNU)

Mar 2021 – Present

Bachelor of Science in Computer Science and Engineering (GPA: 3.88 / 4.3)

RESEARCH INTERESTS

Large Language Models, Reinforcement Learning

WORK EXPERIENCE

Undergraduate Researcher, Data Mining Lab, SNU

Mar 2025 - Aug 2025

- Research on Large Language Model Compression under the Undergraduate Research Program.
- Worked on developing quantization algorithm for LLMs.

Frontend Developer Intern, DeepAuto, Korea

Jan 2025 - Feb 2025

- Developed interactive demo websites using **Next.js** that showcased LLM agent workflows.
- Built and deployed an interactive LLM agent demo website with real-time user interaction.

PROJECTS

Unveiling Mathematical Reasoning in Large Language Models

May 2025 – Jun 2025

- Led a team project for the Conversational AI course.
- Developed evaluation prompts and an analysis pipeline to benchmark reasoning performance.

Bias Mitigation Strategies for Process-Supervised GRPO

Apr 2025 – Jun 2025

- Course project for Data Science and Reinforcement Learning.

SKILLS

Programming Languages	Python, C++, Java, Kotlin, JavaScript/TypeScript
Frameworks	Next.js, React, Android Development
Machine Learning	PyTorch
Other Tools	Git, Linux

MISCELLANEOUS

Military Service	Republic of Korea Army, 155mm Artillery	Feb 2023 – Aug 2024
Languages	English: TOEIC 980	