

Jun Seo

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RESEARCH INTEREST

Knowledge Tracing, Student Simulation, AI in Education

EDUCATION

POSTECH

Pohang, South Korea

M.S. in Graduate School of Artificial Intelligence Sep 2025 – Aug 2027 (Expected)

Advisor: Prof. Gary Geunbae Lee and Prof. Hyounghun Kim

GPA: 4.3 / 4.3

Pusan National University

Busan, South Korea

B.S. in Computer Science, Minor in Mathematics

Mar 2020 – Aug 2025

GPA: 4.32 / 4.5

PUBLICATION

1. Seonjeong Hwang, [Jun Seo](#), Hyounghun Kim, Gary Geunbae Lee. “A Multi-Agent Framework for Feature-Constrained Difficulty Control in Reading Comprehension Item Generation.” *ACL Main*, 2026. [Paper]
2. [Jun Seo](#)^{*}, Sangwon Ryu^{*}, Heejin Do[†], Hyounghun Kim, Gary Geunbae Lee[†]. “Behavior-Aware Item Modeling via Dynamic Procedural Solution Representations for Knowledge Tracing.” *ACL Findings*, 2026. [Paper] [Code]
3. Chi Yeong Heo^{*}, [Jun Seo](#)^{*}, Yonggang Kim, Yohan Kim, Taewoon Kim^{*}. “Estimated Tardiness-Based Reinforcement Learning Solution to Repeatable Job-Shop Scheduling Problems.” *Processes*, vol. 13, no. 1, p. 62, 2024. [Paper] [Code]

^{*} Equal contribution [†] Corresponding author

TEACHING EXPERIENCE

Teaching Assistant, POSCO Youth AI & Big Data Academy Winter 2025

Natural Language Generation

Teaching Assistant, Pusan National University Spring 2025

Software Design and Experiment

Mathematics Instructor, Miju Academy Dec 2022 – Jun 2025

Korean SAT Mathematics

Math & Physics Mentor, ETOOS 247 Mar 2021 – Jun 2021

Korean SAT Mathematics and Physics

Math Mentor, Yangjeong Youth Center Feb 2020 – May 2021

GED Mathematics Education Volunteer

HONORS & AWARDS

- POSTECH Digital Twin Chatbot Hackathon, 1st Place (Grand Prize) Sep 2025
- STEM Master's Excellence Scholarship (one-semester award) Fall 2025
- Samsung Dream Scholarship Foundation Fellow May 2018 – Aug 2025
- PCCP Lv.3 (Python3) Jun 2024

SKILLS

Programming Languages: Python, Dart

ML / DL Frameworks: PyTorch, Stable-Baselines3

LLM & Agent Frameworks: Hugging Face, vLLM, DSPy, LangGraph

Tools: Flutter, Streamlit