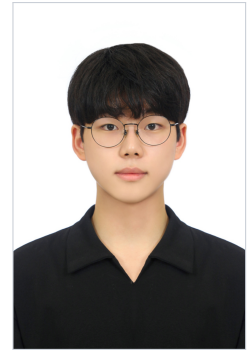


Hankyeol Kim

M.S. Student, Industrial Engineering | Seoul National University

✉ hankyeol@snu.ac.kr | 🌐 github.com/uye01 | 🔗 LinkedIn



RESEARCH INTERESTS

PRIOR Physics-Informed Neural Networks | LLM Confidence Calibration

CURRENT Video Diffusion | Latent Reasoning in LLM

PURSUING Physical AI

EDUCATION

Seoul National University M.S. in Industrial Engineering

Mar 2025 – Present

Advisor: Prof. Pilsung Kang · Data Science and Business Analytics (DSBA) Lab [\[homepage\]](#)

Seoul National University B.S. in Physics and Astronomy

Mar 2020 – Feb 2025

Department of Physics and Astronomy

Hana Academy Seoul

Mar 2017 – Feb 2020

PUBLICATIONS

- [1] **Hankyeol Kim**, Pilsung Kang[†]. “Same Answer, Different Confidence: Protocol Sensitivity in LLM Confidence Calibration.” *Under review*, 2026.
- [2] **Hankyeol Kim**, Pilsung Kang[†]. “naPINN: Noise-Adaptive Physics-Informed Neural Networks for Recovering Physics from Corrupted Measurement.” *Under review*, 2026.

RESEARCH PROJECTS

Contextual Bandit-Based Policy Optimization Framework for Insurance Restructuring Strategy Selection and Combination

Apr 2026 - current

Meritz Fire & Marine Insurance Co, Ltd.

Data Construction and Optimization for Training/Inference of an Information Retriever

Mar 2025 – Mar 2026

Samsung Fire & Marine Insurance Co., Ltd.

Anomalous Situation Detection Based on Individual Daily Patterns Using Location Information

Jul 2025 – Nov 2025

Electronics and Telecommunications Research Institute (ETRI)

PROFESSIONAL EXPERIENCE

Lunosoft Inc. Project Manager

Feb 2024 – Nov 2024

- *Druid Rising: Idle RPG*
- *2026 Trash King: Idle Tycoon*
- *Love Revolution: Hidden Object*

AIARA Inc.

Dec 2022 – Feb 2024

- **Project Management Team Leader**

May 2023 – Feb 2024
- **Project Manager**

Dec 2022 – Feb 2024

 - Samsung Electronics — *Virtual 3D Homescreen & Memory Link*
 - E-MART — Reward-based web game *Emart Farm*
 - Megastudy Education — Kids’ content *Elihigh Kids Character Room*
 - Megastudy Education — *Mystical AR Nature Observation*
 - Seoul National University Hospital — Long-term follow-up management app for childhood cancer survivors
- **App Developer**

May 2023 – Jan 2024

 - LUXROBO — IoT Smart Home on-premises app

TEACHING & MENTORING

Boost Camp Mentor Service Design, SBA SeSAC

Dec 2023 – Mar 2024