

Minseong Kim

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EDUCATION

Dankook University

- BS in Software Science
Cumulative GPA: 4.3/4.5

Yongin, Korea
Mar 2020 – Feb 2026(expected)

RESEARCH EXPERIENCES

Undergraduate Researcher

Dankook University, Yongin, Korea

System Software Laboratory

Mar 2024 – Feb 2025

- Advisor: [Prof. Jongmoo Choi](#) and [Prof. Seehwan Yoo](#)

Researched Key-value store (LevelDB, RocksDB), Flash Translation Layer, Forensic Analysis of DB (LevelDB, RocksDB, SQLite)

Human Artificial Intelligence Laboratory

Mar2025 – Present

- Advisor: [Prof. Dongjae Kim](#)

Researched Reinforcement Learning from Human Feedback (with LLM)

PUBLICATIONS

(KCC 2024) Analysis of Performance according to Blob File Size of BlobDB based on RocksDB.

[\[paper\]](#)

[Minseong Kim](#), Guangxun Zhao, Gunhee Choi, Jongmoo Choi, Seehwan Yoo.

(WDSC 2024) Investigation of SQLite Usage and Techniques for Recovering Deleted Records.

[\[paper\]](#)

Seonghyeon Lee, Nakyeong Kim, Yeongyu Choi, [Minseong Kim](#), Insoo Lee, Sooyoung Park, Jongmoo Choi.

(KCC 2025) Quantile Regression-Based Reward Modeling for Improved Discriminating Human Preferences in Language. [Minseong Kim](#), Minsik Hong, Dongjae Kim.

[\[paper\]](#)

RESEARCH INTERESTS

- RLHF(Reinforcement Learning from Human Feedback) in LLM through reward modeling and policy optimization.
- Application of Reinforcement Learning to domains beyond traditional control tasks
- World Model

HONORS AND AWARDS

[Outstanding Paper Award](#), WDSC, Workshop on Dependable and Secure Computing, 2024

[Excellence Award](#), Khuthon, Kyung Hee University AI·SW Hackathon, 2025

[Outstanding Paper Award](#), KCC, Korea Computer Congress, 2025

REFERENCES

[Prof. Jongmoo Choi](#)

- choijm@dankook.ac.kr

- Dept. Software Science, Dankook University, Yongin, Korea

[Prof. Dongjae Kim](#)

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- Dept. Artificial Intelligence Convergence, Dankook Univerisy, Yongin, Korea