

Wonyeong Lee

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EDUCATION

Mar. 2026 ~ Present	Yonsei University Department of Computer Science <i>Advisor: Jinkyu Lee</i> <i>Ph.D. Student</i>	Seoul, Korea
Aug. 2024 ~ Feb. 2026	Sungkyunkwan University Department of Software Thesis: Edge-Server Collaborative Inference System based on Masked Autoencoders <i>Advisor: Jinkyu Lee</i> <i>M.S. in Department of Computer Science and Engineering</i>	Suwon, Korea
Mar. 2018 ~ Aug. 2024	Sungkyunkwan University Department of Mechanical Engineering <i>B.S. in Mechanical Engineering</i>	Suwon, Korea
Aug. 2021 ~ Aug. 2024	Sungkyunkwan University Department of Software <i>B.S. in Computer Science and Engineering</i>	Suwon, Korea

RESEARCH INTERESTS

- Real-Time Systems
- Intermittent computing
- Embedded system
- Mobile computing
- Test time adaptation

PUBLICATIONS

1. **LEAF: Layer-Wise Energy-Adaptive Framework for Multi-DNN Real-Time Intermittent Systems**, Hyunwoo Koo, Wonyeong Lee, and Jinkyu Lee The 24th International Conference on Pervasive Computing and Communications (PerCom), to appear, Pisa, Italy, March 2026
2. **CARTEL: Consensus Adapting Real-Time and Efficient Logging**, Seunghoon Lee, Wonyeong Lee, Seungyeon Cho, Seongtae Lee, and Jinkyu Lee The 46th IEEE Real-Time Systems

Symposium (RTSS), pp. 461-473, Boston, MA, USA, 5th December 2025

3. **Masked Autoencoders are Robust Task Offloaders for Timely and Accurate Inference**, Wonyeong Lee, Seunghoon Lee, Seungyeon Cho, Hyunwoo Koo, Hoon Sung Chwa, and Jinkyu Lee, The 38th IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), pp. 13835-13842, Hangzhou, China, 22nd October 2025

AWARDS AND HONORS

- Graduate Academic Excellence Scholarship, Sungkyunkwan University, Korea (Aug. 2024 ~ Feb. 2026)
- Dean's list award, Sungkyunkwan University, Korea (Dec. 2022)
- National Science and Technology Scholarship, Korean Government (KOSAF), Korea (Mar. 2018 ~ Feb. 2024)

TEACHING EXPERIENCES

- Technical Writing and Presentation for Software Developers (SWE3058), SKKU, Korea / Teaching Assistant (Sep. 2024 ~ Dec. 2024)
- Seminar in Computer Engineering (CSE3036), SKKU, Korea / Teaching Assistant (Mar. 2025 ~ Jul. 2025)
- Introduction to Data Structures (SWE2015), SKKU, Korea / Teaching Assistant (Sep. 2025 ~ Dec. 2025)