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Experience

Amazon Sep. 2026 – Present
Applied Scientist Intern, Alexa AI, Agentic RL *Bellevue, USA*

Upstage Mar. 2026 – Jun. 2026
Intern, AI Tech Division, Solar Open 2 Development *Seoul, South Korea*

AIGEN Sciences Jan. 2025 – Feb. 2026
Intern, AI Research Division, Biomedical AI Agent Development *Seoul, South Korea*

Education

Korea University Mar. 2024 – Present
Ph.D. Student, Computer Science & Engineering *Seoul, South Korea*

Korea University Mar. 2018 – Feb. 2024
B.A., English Language & Literature *Seoul, South Korea*

Publications

[C6] Taewhoo Lee, Minju Song, Chanwoong Yoon, Jungwoo Park, Jaewoo Kang, "The Curious Case of Analogies: Investigating Analogical Reasoning in Large Language Models". *Proceedings of AAAI. 2026.*[Github] [Paper]

[C5] Jungwoo Park, **Taewhoo Lee**, Chanwoong Yoon, Hyeon Hwang, Jaewoo Kang, "Outlier-Safe Pre-Training for Robust 4-Bit Quantization of Large Language Models". *Proceedings of ACL. 2025.*[Github] [Paper]

[C4] Kyochul Jang, Donghyeon Lee, Kyusik Kim, Dongseok Heo, **Taewhoo Lee**, Woojeong Kim, Bongwon Suh, "DICE-BENCH: Evaluating the Tool-Use Capabilities of Large Language Models in Multi-Round, Multi-Party Dialogues". *Findings of ACL. 2025.*[Github] [Paper]

[C3] Hyunjae Kim, Hyeon Hwang, Jiwoo Lee, Sihyeon Park, Dain Kim, **Taewhoo Lee**, Chanwoong Yoon, Jiwoong Sohn, Jungwoo Park, Olga Reykhart, Thomas Fetherston, Donghee Choi, Soo Heon Kwak, Qingyu Chen, Jaewoo Kang, "Small language models learn enhanced reasoning skills from medical textbooks". *npj Digital Medicine. 2025.*[Model] [Paper]

[C2] Taewhoo Lee, Chanwoong Yoon, Kyochul Jang, Donghyeon Lee, Minju Song, Hyunjae Kim, Jaewoo Kang, "ETHIC: Evaluating Large Language Models on Long-Context Tasks with High Information Coverage". *Proceedings of NAACL. 2025.*[Github] [Paper]

[C1] Chanwoong Yoon, **Taewhoo Lee**, Hyeon Hwang, Minbyul Jeong, Jaewoo Kang, "CompAct: Compressing Retrieved Documents Actively for Question Answering". *Proceedings of EMNLP. 2024.*[Github] [Paper]

Preprints

[P4] Taewhoo Lee, Minju Song, Jungwoo Park, Chanwoong Yoon, Junha Jung, Hyeon Hwang, Sanghoon Lee, Minbyul Jeong, Jaewoo Kang, "Self-Assessment

Reinforcement Learning for Search-State Awareness in Retrieval-Augmented Large Language Models". *arXiv preprint. 2026.*[Paper]

[P3] Jungwoo Park, **Taewhoo Lee**, Jaewoo Kang, "UltraBERT: Beyond the Limit of BERT Pre-Training". *arXiv preprint. 2026.*[Model] [Paper]

[P2] Upstage Team, "Solar Open 2 Technical Report". *arXiv preprint. 2026.*[Model] [Paper]

[P1] Minbyul Jeong, Hyeon Hwang, Chanwoong Yoon, **Taewhoo Lee**, Jaewoo Kang, "OLAPH: Improving Factuality in Biomedical Long-form Question Answering ". *arXiv preprint. 2024.*[Github] [Paper]