Yoonsang Lee

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EDUCATION	**Seoul National University**	Mar 2019 - Present
	B.S. in Computer Science and Engineering	*Seoul, Korea*
	* includes 1.5 year mandatory military service	
	The University of Texas at Austin	Aug 2023 - Dec 2023
	Exchange Student in Computer Science	*Austin, TX*
	Gyeonggi Science High School for the Gifted	Mar 2016 - Feb 2019
	High school for students specialized in mathematics and science	*Suwon, Korea*

INTERESTS Knowledgeable LMs, Human-LM Interaction, Information Retrieval

PUBLICATIONS

[1] Meta-Prompting Efficient Task-Adaptive Query Generator for Retrieval
Yoonsang Lee, Minsoo Kim, Seungwon Hwang
Under Review at EMNLP 2024

[2] AmbigDocs: Reasoning across Documents on Different Entities under the Same Name
Yoonsang Lee, Xi Ye, Eunsol Choi
Under Review at COLM 2024

[3] Crafting In-context Examples according to LMs' Parametric Knowledge
Yoonsang Lee*, Pranav Atreya*, Xi Ye, Eunsol Choi
In Proceedings of Findings of NAACL-HLT. 2024.

[4] MILAB at PragTag-2023: Enhancing Cross-Domain Generalization through Data Augmentation with Reduced Uncertainty
Yoonsang Lee*, Dongryeol Lee*, Kyomin Jung
In Proceedings of Workshop on Argument Mining (ArgMining) @ EMNLP. 2023.

*: equal contribution

RESEARCH EXPERIENCE	**KIXLab**	Jul 2024 - Present
	Research Assistant (Advisor: Prof. Juho Kim)	*Daejeon, Korea*
	Worked on human-LM interaction with users of varying knowledge levels.	
	UT NLP Lab	Aug 2023 - May 2024
	Research Assistant (Advisor: Prof. Eunsol Choi)	*Austin, TX*
	Worked on in-context learning and multi-document reasoning.	

	Language and Data Intelligence Lab	Jul 2023 - Oct 2023
	Research Assistant (Advisor: Prof. Seungwon Hwang)	*Seoul, Korea*
	Worked on incorporating search intents for task-adaptive retrieval.	

Machine Intelligence Lab Jul 2022 - Jul 2023
Research Assistant (Advisor: Prof. Kyomin Jung) *Seoul, Korea*
Worked on data augmentation for low-resource settings.

Work
Experience
Naver Clova AI Jan 2023 - Feb 2023
Research Intern *Seongnam, Korea*
Worked on causal deep learning with alternating transformers.

Teaching
Instructor
054.003 Understanding Large Language Models Fall 2024

Teaching Assistant
4190.407 Algorithms Spring 2024
4190.308 Computer Architecture Spring 2023
4190.206A Electrical and Electronic Circuits Fall 2020

Honors and
Awards
Specialized Semiconductor Program Scholarship 2023 - 2025
Merit Based Scholarship 2019 - 2024
Army Commendation Medal 2022
4th Place, Selected Topic Seminar 2 Presentation 2019
Silver, Korea Olympiad in Informatics 2018

Invited Talks
SNUE Gifted Science Education Center Spring, Fall 2019

Selected
Coursework
Natural Language Processing, Information Retrieval and Web Search, Human-Computer Interaction, ML for Visual Understanding, Pattern Recognition, Language and Computer

Extra-
curricular
LikeLion at SNU Mar 2022 - Nov 2022
- Studied HTML/CSS, ReactJS, Django for web development
Sergeant, Korean Augmentaion to the US Army, *Camp Humphreys* Dec 2020 - Jun 2022
International Olympiad in Informatics Training Camp in Korea Jul - Aug 2016, Jan 2017
- Studied advanced data structures and algorithms