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*

PUBLICATIONS

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

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

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

[4] MILAB at PragTag-2023: Enhancing Cross-Domain Generalization through Data Augmentation with Reduced Uncertainty
Yoonsang Lee*, Dongryeol Lee*, Kyomin Jung
ArgMining *Workshop* at 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 language levels.		
UT Austin 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 data.	

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

TEACHING	**Algorithms**, *Teaching Assistant*	Spring 2024
	Computer Architecture, *Teaching Assistant*	Spring 2023
	Electrical and Electronic Circuits, *Teaching Assistant*	Fall 2020

INVITED TALKS	**SNUE Gifted Science Education Center**	Spring, Fall 2019

HONORS AND AWARDS	Semiconductor 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

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	