

# Yoonsang Lee

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lysianthus@snu.ac.kr ◇ lilys012.github.io

EDUCATION	<b>Seoul National University</b>	Mar 2019 - Present
	B.S. in Computer Science and Engineering	<i>Seoul, Korea</i>
	GPA: 4.12/4.3 (3.95/4.0) * includes 1.5 year mandatory military service	
	<b>The University of Texas at Austin</b>	Aug 2023 - Dec 2023
	Exchange Student in Computer Science, GPA: 4.0/4.0	<i>Austin, TX</i>
	<b>Gyeonggi Science High School for the Gifted</b>	Mar 2016 - Feb 2019
	High school for students specialized in mathematics and science	<i>Suwon, Korea</i>
INTERESTS	Knowledgeable LMs, Human-LM Interaction, Information Retrieval	
PUBLICATIONS	[1] Meta-Prompting Efficient Task-Adaptive Query Generator for Retrieval <b>Yoonsang Lee</b> , Minsoo Kim, Seungwon Hwang <i>Under Review</i>	
	[2] AmbigDocs: Reasoning across Documents on Different Entities under the Same Name <b>Yoonsang Lee</b> , Xi Ye, Eunsol Choi <i>Under Review</i>	
	[3] Crafting In-context Examples according to LMs' Parametric Knowledge <b>Yoonsang Lee*</b> , Pranav Atreya*, Xi Ye, Eunsol Choi NAACL 2024 Findings	
	[4] MILAB at PragTag-2023: Enhancing Cross-Domain Generalization through Data Augmentation with Reduced Uncertainty <b>Yoonsang Lee*</b> , Dongryeol Lee*, Kyomin Jung ArgMining <i>Workshop</i> at EMNLP 2023	
	*: equal contribution	
RESEARCH EXPERIENCE	<b>KIXLab</b>	Jun 2024 - Present
	Research Assistant (Advisor: Prof. Juho Kim)	<i>Daejeon, Korea</i>
	Worked on human-LM interaction with users of varying knowledge levels.	
	<b>UT NLP Lab</b>	Aug 2023 - May 2024
	Research Assistant (Advisor: Prof. Eunsol Choi)	<i>Austin, TX</i>
	Worked on in-context learning and multi-document reasoning.	

	<b>Language and Data Intelligence Lab</b>	Jul 2023 - Oct 2023
	Research Assistant (Advisor: Prof. Seungwon Hwang)	<i>Seoul, Korea</i>
	Worked on incorporating search intents for task-adaptive retrieval.	
	<b>Machine Intelligence Lab</b>	Jul 2022 - Jul 2023
	Research Assistant (Advisor: Prof. Kyomin Jung)	<i>Seoul, Korea</i>
	Worked on data augmentation for low-resource settings.	
WORK EXPERIENCE	<b>Naver Clova AI</b>	Jan 2023 - Feb 2023
	Research Intern	<i>Seongnam, Korea</i>
	Worked on causal deep learning with alternating transformers.	
TEACHING	<b>Algorithms</b> , <i>Teaching Assistant</i>	Spring 2024
	<b>Computer Architecture</b> , <i>Teaching Assistant</i>	Spring 2023
	<b>Electrical and Electronic Circuits</b> , <i>Teaching Assistant</i>	Fall 2020
INVITED TALKS	<b>SNUE Gifted Science Education Center</b>	Spring, Fall 2019
HONORS AND AWARDS	Semiconductor Scholarship - 4,500 USD in total	2023 - 2025
	Merit Based Scholarship - 7,800 USD over four years	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, <i>Camp Humphreys</i>	Dec 2020 - Jun 2022
	International Olympiad in Informatics Training Camp in Korea	Jul - Aug 2016, Jan 2017
	- Studied advanced data structures and algorithms	