

Yoonsang Lee

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INTERESTS	Retrieval-Augmented Generation, Human-LM Interaction, In-context Learning	
EDUCATION	Seoul National University	Mar 2019 - Present
	B.S. in Computer Science and Engineering	<i>Seoul, Korea</i>
	GPA: 4.13/4.3 (3.96/4.0)	
	* includes 1.5 year mandatory military service	
	University of Texas at Austin	Aug 2023 - Dec 2023
	Exchange Student in Computer Science	<i>Austin, TX</i>
	Gyeonggi Science High School for the Gifted	Mar 2016 - Feb 2019
	High school for students specialized in mathematics and science	<i>Suwon, Korea</i>
PUBLICATIONS	[1] RARe: Retrieval Augmented Retrieval With In-context Examples Atula Tejaswi, Yoonsang Lee , Sujay Sanghavi, Eunsol Choi <i>Under review at ICLR 2025.</i>	
	[2] Disentangling Questions from Query Generation for Task-Adaptive Retrieval Yoonsang Lee , Minsoo Kim, Seung-won Hwang EMNLP 2024 Findings <i>ENLSP Workshop</i> at NeurIPS 2024	
	[3] AmbigDocs: Reasoning across Documents on Different Entities under the Same Name Yoonsang Lee , Xi Ye, Eunsol Choi COLM 2024	
	[4] Crafting In-context Examples according to LMs' Parametric Knowledge Yoonsang Lee* , Pranav Atreya*, Xi Ye, Eunsol Choi NAACL 2024 Findings	
	[5] MILAB at PragTag-2023: Enhancing Cross-Domain Generalization through Data Augmentation with Reduced Uncertainty Yoonsang Lee* , Dongryeol Lee*, Kyomin Jung <i>ArgMining Workshop</i> at EMNLP 2023	
	*: equal contribution	
RESEARCH	UT NLP Lab	Aug 2023 - Present
EXPERIENCE	Visiting Student (Advisor: Prof. Eunsol Choi)	<i>Austin, TX</i>
	Worked on in-context learning, retrieval-augmented generation, and calibration.	
	Kaist Interaction Lab	Jul 2024 - Oct 2024
	Research Intern (Advisor: Prof. Juho Kim)	<i>Daejeon, Korea</i>
	Worked on diverse user group interactions in LM-collaborative writing.	

	Machine Intelligence Lab	Jul 2022 - Jul 2023
	Research Intern (Advisor: Prof. Kyomin Jung)	<i>Seoul, Korea</i>
	Worked on data augmentation for low-resource settings.	
HONORS AND AWARDS	Youlchon AI Young Researcher Scholarship	2024
	Specialized Semiconductor Program Scholarship	2023 - 2025
	Merit Based Scholarship , Seoul National University	2019 - 2024
	University Honors , University of Texas at Austin	Fall 2023
	Silver , Korea Olympiad in Informatics	2012, 2018
	Bronze , Samsung Human Tech Paper Award	2018
TEACHING	Teaching Assistant	
	054.003 Understanding Large Language Models	Fall 2024
	4190.407 Algorithms	Spring 2024
	4190.308 Computer Architecture	Spring 2023
	4190.206A Electrical and Electronic Circuits	Fall 2020
WORK EXPERIENCE	Human-Oriented Language Interface Lab	Oct 2024 - Present
	External Collaborator (Host: Prof. Yohan Jo)	<i>Seoul, Korea</i>
	Worked on conversational chatbots with Samsung Fire & Marine Insurance.	
	Naver AI Lab	Jan 2023 - Feb 2023
	Research Intern (Host: Dr. Seong-Eun Moon)	<i>Seongnam, Korea</i>
	Worked on causal deep learning with alternating transformers.	
SERVICES	Conference Reviewer ACL ARR 2024, ICLR 2025	
	Workshop Reviewer ACL SRW 2024, ENLSP 2024	
INVITED TALKS	SNUE Gifted Science Education Center	Spring, Fall 2019
EXTRA- CURRICULAR	Seeking SOTA (deep learning study group)	Jun 2024 - Present
	LikeLion at SNU (web development club)	Mar 2022 - Nov 2022
	Sergeant, Korean Augmentation 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