Yoonsang Lee

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EDUCATION	**Seoul National University**	Mar 2019 - Present
	B.S. in Computer Science and Engineering	*Seoul, Korea*
	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 — *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] RARe: Retrieval Augmented Retrieval With In-context Examples
Atula Tejaswi, **Yoonsang Lee**, Sujay Sanghavi, Eunsol Choi
arXiv Preprint 2024

[2] Disentangling Questions from Query Generation for Task-Adaptive Retrieval
Yoonsang Lee, Minsoo Kim, Seung-won Hwang
EMNLP 2024 Findings (short)
ENLSP Workshop 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
ArgMining Workshop at EMNLP 2023

*: equal contribution

RESEARCH EXPERIENCE	**UT NLP Lab**	Aug 2023 - Present
	Visiting Student (Advisor: Prof. Eunsol Choi)	*Austin, TX*
	Worked on in-context learning, retrieval-augmented generation, and calibration.	

Kaist Interaction Lab — Jul 2024 - Oct 2024
Research Intern (Advisor: Prof. Juho Kim) — *Daejeon, Korea*
Worked on identifying diverse user interactions in LM-collaborative writing.

	Machine Intelligence Lab	Jul 2022 - Jul 2023
	Research Intern (Advisor: Prof. Kyomin Jung)	*Seoul, Korea*
	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 Intelligence Lab**	Oct 2024 - Present
	External Collaborator (Host: Prof. Yohan Jo)	*Seoul, Korea*
	Worked on conversational chatbots with Samsung Fire & Marine Insurance.	
	Naver AI Lab	Jan 2023 - Feb 2023
	Research Intern (Host: Dr. Seong-Eun Moon)	*Seongnam, Korea*
	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, *Camp Humphreys*	Dec 2020 - Jun 2022
	International Olympiad in Informatics Training Camp in Korea	Jul - Aug 2016, Jan 2017