Yoonsang Lee

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

EDUCATION	**Seoul National University**	Mar 2019 - Present
	B.S. in Computer Science and Engineering	*Seoul, Korea*
	GPA: 4.13/4.3 (cumulative), 4.14/4.3 (major)	
	* 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] 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
COLM 2024

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

[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 adaptive LLM for users with 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

Organizer

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

SERVICES

Reviewer

ACL SRW	2024

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

EXTRA-
CURRICULAR

Seeking SOTA	Jun 2024 - Present
- Participated in weekly deep learning study group	
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	