

Seungone Kim

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EDUCATION	Carnegie Mellon University, Language Technologies Institute (LTI) Ph.D. Student, School of Computer Science Advisor: Prof. Graham Neubig and Prof. Sean Welleck	September 2024 - Present
	Korea Advanced Institute of Science and Technology (KAIST) M.S. in Artificial Intelligence Advisor: Prof. Minjoon Seo	March 2023 - August 2024
	Yonsei University B.S. in Computer Science Major GPA: 3.99 / 4.30; Cumulative GPA: 3.85 / 4.30	March 2018 - February 2023
RESEARCH INTERESTS	LLM Evaluation, Systems that Improve with Feedback, Instruction Tuning, Chain-of-Thought Reasoning	
PUBLICATIONS	<ul style="list-style-type: none">[1] Prometheus 2: An Open Source Language Model Specialized in Evaluating Other Language Models Seungone Kim, Juyoung Suk, Shayne Longpre, Bill Yuchen Lin, Jamin Shin, Sean Welleck, Graham Neubig, Moontae Lee, Kyungjae Lee, Minjoon Seo <i>Under Review</i> at EMNLP 2024[2] KMMLU: Measuring Massive Multitask Language Understanding in Korean Guijin Son, Hanwool Lee, Sungdong Kim, Seungone Kim, Niklas Muennighoff, Taekyoon Choi, Cheonbok Park, Kang Min Yu, Stella Biderman <i>Under Review</i> at EMNLP 2024[3] Self-Explore to Avoid the Pit: Improving the Reasoning Capabilities of Language Models with Fine-grained Rewards Hyeonbin Hwang, Doyoung Kim, Seungone Kim, Seonghyeon Ye, Minjoon Seo <i>Under Review</i> at EMNLP 2024[4] Language Models as Compilers: Simulating Pseudocode Execution Improves Algorithmic Reasoning in Language Models Hyunjoo Chae, Yeonghyeon Kim, Seungone Kim, Kai Tzu-iunn Ong, Beong-woo Kwak, Moohyeon Kim, Seonghwan Kim, Taeyoon Kwon, Jiwan Chung, Youngjae Yu, Jinyoung Yeo <i>Under Review</i> at COLM 2024[5] Personalized Soups: Personalized Large Language Model Alignment via Post-hoc Parameter Merging Joel Jang, Seungone Kim, Bill Yuchen Lin, Yizhong Wang, Jack Hessel, Luke Zettlemoyer, Hannaneh Hajishirzi, Yejin Choi, Prithviraj Ammanabrolu <i>Under Review</i> at COLM 2024[6] Prometheus-Vision: Vision-Language Model as a Judge for Fine-Grained Evaluation Seongyun Lee*, Seungone Kim*, Sue Hyun Park, Geewook Kim, Minjoon Seo ACL 2024 Findings <i>ME-FoMo Workshop</i> at ICLR 2024	

- [7] **LangBridge: Multilingual Reasoning Without Multilingual Supervision**
Dongkeun Yoon, Joel Jang, Sungdong Kim, **Seungone Kim**, Sheikh Shafayat, Minjoon Seo
ACL 2024
ME-FoMo Workshop at ICLR 2024
- [8] **Multi-Task Inference: Can Large Language Models Follow Multiple Instructions at Once?**
Guijin Son*, Sangwon Baek, Sangdae Nam, Ilgyun Jeong, **Seungone Kim***
ACL 2024
ME-FoMo Workshop at ICLR 2024
- [9] **Prometheus: Inducing Fine-grained Evaluation Capability in Language Models**
Seungone Kim*, Jamin Shin*, Yejin Cho*, Joel Jang, Shayne Longpre, Hwaran Lee, Sangdoo Yun, Seongjin Shin, Sungdong Kim, James Thorne, Minjoon Seo
ICLR 2024
Instruction Workshop at NeurIPS 2023
- [10] **FLASK: Fine-grained Language Model Evaluation based on Alignment Skill Sets**
Seonghyeon Ye, Doyoung Kim, Sungdong Kim, Hyeonbin Hwang, **Seungone Kim**, Yongrae Jo, James Thorne, Juho Kim, Minjoon Seo
ICLR 2024 (Spotlight)
Best Paper Honorable Mention, *Instruction Workshop* at NeurIPS 2023
- [11] **CoT Collection: Improving Zero-shot and Few-shot Learning of Language Models via Chain-of-Thought Fine-Tuning**
Seungone Kim*, Se June Joo*, Doyoung Kim, Joel Jang, Seonghyeon Ye, Jamin Shin, Minjoon Seo
EMNLP 2023
- [12] **Exploring the Benefits of Training Expert Language Models over Instruction Tuning**
Joel Jang, **Seungone Kim**, Seonghyeon Ye, Doyoung Kim, Lajanugen Logeswaran, Moontae Lee, Kyungjae Lee, Minjoon Seo
ICML 2023
- [13] **CoTEVer: Chain of Thought Prompting Annotation Toolkit for Explanation Verification**
Seungone Kim, Se June Joo, Yul Jang, Hyunjoo Chae, Jinyoung Yeo
EACL 2023 (Demonstrations Track)
- [14] **Mind the Gap! Injecting Commonsense Knowledge for Abstractive Dialogue Summarization**
Seungone Kim*, Se June Joo*, Hyunjoo Chae*, Chaehyeong Kim, Seung-won Hwang, Jinyoung Yeo
COLING 2022

RESEARCH EXPERIENCE	LG AI Research, Advanced Machine Learning Lab	January 2024 - June 2024; Seoul, Korea
	Research Intern Host: Kyungjae Lee	
	NAVER AI Lab	March 2023 - December 2023; Seongnam, Korea
	Research Intern Host: Jamin Shin	
SERVICES	Conference Reviewer EACL 2023, ACL 2023, EMNLP 2023, NAACL 2024, ACL 2024 Conference Workshop Reviewer NeurIPS 2023 (Instruction WS)	
INVITED TALKS	Multimodal Weekly Webinar (Twelve Labs) Host: James Le	May 2024; San Francisco, USA

RAM Talk (AI at Meta) Host: Ilia Kulikov	May 2024; New York, USA
NAVER Tech Meetup (NAVER Cloud) Host: Inho Kang	February 2024; Seoul, Korea
Samsung AI Forum (Samsung Research Global AI Center) Host: Daehyun Kim	November 2023; Seoul, Korea
AI Seminar Series (Objective Inc) Host: Pablo Mendes	November 2023; San Francisco, USA
Innovation Session Series (SAP) Host: Laux Micahel	June 2023; Frankfurt, Germany

AWARDS	Honorable Mention Award at NeurIPS 2023 Instruction Workshop	2023
	DEI Scholarship at NeurIPS 2023	2023
MENTORING	Juyoung Suk: B.S. Student at KAIST → M.S. Student at KAIST AI	July 2023 - Present
	Guijin Son: B.S. Student at Yonsei University	July 2023 - Present
LEADERSHIP EXPERIENCE	Korean Augmentation to the US Army (KATUSA) Sergeant at Eighth Army (United States)	January 2019 - August 2020