Sue Hyun Park M.S. student, KAIST AI Updated October 30, 2024

Email: suehyunpark@kaist.ac.kr Homepage: suehyunpark.github.io Office: KAIST Seoul Hongneung Campus 9205

RESEARCH INTERESTS Large language models, Pluralistic alignment, Inductive reasoning, AI safety/security

EDUCATION Korea Advanced Institute of Science and Technology (KAIST) Seoul, Korea

Master of Science in Artificial Intelligence Sep 2023 – Aug 2025 Advisor: Minjoon Seo (expected)

Seoul National University (SNU) Seoul, Korea

Bachelor of Business Administration Mar 2018 – Aug 2023

Bachelor of Science in Artificial Intelligence

AI Major GPA: 3.88/4.3, Cumulative GPA: 3.85/4.3

Daewon Foreign Language High School Seoul, Korea

English major, Chinese sub-major Mar 2015 – Feb 2018

Conference [C4] Aligning to Thousands of Preferences via System Message Generalization

Publications Seongyun Lee*, <u>Sue Hyun Park*</u>, Seungone Kim, Minjoon Seo

*Equal contribution NeurIPS 2024

[C3] Hierarchical Deconstruction of LLM Reasoning: A Graph-Based Framework for Analyzing

Knowledge Utilization

Miyoung Ko*, Sue Hyun Park*, Joonsuk Park, Minjoon Seo

EMNLP 2024

[C2] 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

[C1] Volcano: Mitigating Multimodal Hallucination through Self-Feedback Guided Revision

Seongyun Lee, Sue Hyun Park, Yongrae Jo, Minjoon Seo

NAACL 2024

Preprints under [P2] How Does Vision-Language Adaptation Impact the Safety of Vision Language Models?

Seongyun Lee*, Geewook Kim*, Jiyeon Kim*, Hyunji Lee, Hoyeon Chang, $\underline{\text{Sue Hyun Park}}, \underline{\text{Minjoon}}$

Seo

REVIEW
*Equal contribution

[P1] The BiGGen Bench: A Principled Benchmark for Fine-grained Evaluation of Language Models

with Language Models

Seungone Kim, Juyoung Suk, Ji Yong Cho, Shayne Longpre, Chaeeun Kim, Dongkeun Yoon, Guijin Son, Yejin Cho, Sheikh Shafayat, Jinheon Baek, <u>Sue Hyun Park</u>, (15 more authors), Sean Welleck,

Graham Neubig, Moontae Lee, Kyungjae Lee, Minjoon Seo

RESEARCH EXPERIENCE Language & Knowledge Lab, KAIST Seoul, Korea

Undergraduate Research Assistant Dec 2022 – Aug 2023

Worked on complex long-form question answering from real-world data (\rightarrow [C3]).

Software Platform Lab, SNU Seoul, Korea

Undergraduate Research Assistant Jul 2022 – Dec 2022

Worked on efficiently updating pre-trained language models with new words.

Interdisciplinary Major of System Semiconductor Engineering for AI, SNU Seoul, Korea

Undergraduate Research Intern

Jan 2022 – Feb 2022

Worked on handling constraints and improving accuracy of a robot arm in a coffee-making task.

WORK EXPERIENCE Artificial Intelligence Institute of Seoul National University

Seoul, Korea

Technical writer Mar 2021 – Oct 2022

Crafted research blog posts on 14 AI papers through author interviews and managed blog.

FriendliAI Seoul, Korea

Corporate Development & Business Development Intern

Feb 2021 - Dec 2021

Created investor relation materials and analyzed industry landscape, supporting Series A funding. Developed and deployed company website and implemented branding across digital platforms.

INVITED TALKS NAVER Tech Meetup

Feb 2024

Fine-grained Evaluation of Vision-Language Models through "Vision-Language Model as a Judge"

Slides

Service Secondary conference reviewer

ACL 2023, EMNLP Industry Track 2023

Teaching Tutor Mar 2022 - June 2022

Seoul National University L0444.000400 Basic Computing: First Adventures in Computing

Honors Merit-based scholarship

Seoul National University Spring 2019

Daewon Education Scholarship Foundation (Samsung Chairman Lee Kun-hee Scholarship) 2016 Daewon Education Scholarship Foundation (Chairman Yoon Gang-ro Scholarship) 2015, 2017

Skills **Programming**

Python, PyTorch

Languages

Korean (native), English (fluent, TOEFL 113/120 in Mar 2023)