

Juyoung Suk

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Education

Korea Advanced Institute of Science and Technology, KAIST

Mar. 2024 - Present

- M.S. in Artificial Intelligence
- Advised by Minjoon Seo

Korea Advanced Institute of Science and Technology, KAIST

Mar. 2019 - Feb. 2024

- B.S. in Computer Science

Work Experience

Member of Technical Staff, Trillion Labs – Seoul, South Korea

Nov. 2024 - Present

- Core developer of Trillion-7B (HuggingFace, NVIDIA GTC), a 7.76B parameter compute-efficient multilingual frontier model
- Working on pre-training and post-training stages for LLM

Machine Learning Engineer, ThetaOne – Seoul, South Korea

Feb. 2023 - July. 2023

- Engineered end-to-end ML pipeline for Metabuddy, implementing RAG architecture with LangChain and custom language models (Grammar error detection, Reranker) for enhanced user interactions

Machine Learning Engineer Intern, NAVER Corp. – Seoul, South Korea

Aug. 2022 - Feb. 2023

- Enhanced hate speech detection model for AI Clean Bot 2.0 (40+ million users) using Active Learning

Publications

[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

[2] CLiCK: A Benchmark Dataset of Cultural and Linguistic Intelligence in Korean

Eunsu Kim, **Juyoung Suk**, Philhoon Oh, Haneul Yoo, James Thorne, Alice Oh

Last updated in January 2025

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

Seungone Kim, **Juyoung Suk**, JiYong Cho, Shayne Longpre, [23 Authors], Sean Welleck, Graham Neubig, Moontae Lee, Kyungjae Lee, Minjoon Seo

[4] Evaluating Language Models as Synthetic Data Generators

Seungone Kim, **Juyoung Suk**, Xiang Yue, Vijay Viswanathan, Seongyun Lee, Yizhong Wang, Kiril Gashteovski, Carolin Lawrence, Sean Welleck, Graham Neubig

[5] MM-Eval: A Multilingual Meta-Evaluation Benchmark for LLM-as-a-Judge and Reward Models

Guijin Son, Dongkeun Yoon, **Juyoung Suk**, Javier Aula-Blasco, Mano Aslan, Vu Trong Kim, Shayekh Bin Islam, Jaume Prats-Cristià, Lucía Tormo-Bañuelos, Seungone Kim

Projects

Prometheus-Eval, Core Developer

May, 2024 - Present

- Led development of a 900+ stars open-source repository for evaluating language models using specialized LMs.
- Architected and implemented core functionalities, including evaluation pipelines, model training scripts, and the `prometheus-eval` Python package.

Teaching Experience

Teaching Assistant, Introduction to Programming with Python, KAIST MOOC Platform – Online Jan. 2022 - June. 2024

Teaching Assistant, Introduction to Programming (CS101), KAIST – Daejeon, South Korea Aug. 2021 - June. 2022

Languages

English: Professional proficiency

Korean: Native proficiency