

Sugyeong Eo

KOREA UNIVERSITY

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Research Interests

I am a Ph.D candidate in computer science and engineering at Korea University. I belong to NLP & AI Lab (Advisor: Prof. Heuseok Lim).

- Natural Language Processing
- Language Modeling
- Question Answer Pair Generation
- Neural Machine Translation
- Quality Estimation
- Critical Error Detection

Education

Korea University

Ph.D CANDIDATE IN COMPUTER SCIENCE AND ENGINEERING, GPA: 4.42 / 4.5

Seoul, South Korea

Sep. 2020 - Feb. 2026

- Advisor: Heuseok Lim
- Natural Language Processing & Artificial Intelligence Lab

Hankuk University of Foreign Studies

B.A. IN LINGUISTICS & COGNITIVE SCIENCE(1ST MAJOR), LANGUAGE & TECHNOLOGY(2ND MAJOR), GPA: 3.9 / 4.5

Yongin & Seoul, South Korea

Mar. 2016 - Aug. 2020

Selected Research Experience

(Project) Mixture-of-Models: Efficient and Effective Ensemble of Large Language Models

KT

Seoul, South Korea

August. 2024. - July. 2025.

- Research for Large Language Model Ensemble
- Supported by KT
- Skills: Large Language Model Ensemble, Large Language Model Tuning and Prompting, Pytorch, Fairseq

(Project) Research on LLM-based Instruction Tuning Utilizing a Mobility Domain-Specific Knowledge Base

HYUNDAI

Seoul, South Korea

September. 2023. - March. 2025.

- Research related to the instruction tuning of Large Language Models
- Supported by Hyundai Autoever
- Skills: Large Language Model Modeling, Large Language Model Tuning and Prompting, Pytorch, Fairseq

(Project) Persona-based Chat Modeling: k-Nearest Neighbor Persona Plug-N-Play

NC SOFT

Seoul, South Korea

May. 2023. - December. 2023.

- Research for Persona Chat-based Dialogue System
- Supported by NC Soft
- Skills: Dialogue System Modeling, Language Modeling, Pytorch, Fairseq

(Project) Question-answer pair generation for vehicle QA of natural language processing engine

HYUNDAI

Seoul, South Korea

June. 2022. - May. 2023.

- Research for question answer generation
- Supported by Hyundai Autoever
- Skills: Question Answering, Language Modeling, Pytorch, Fairseq

(Project) Parallel Corpus Filtering and Mining

NAVER

Seoul, South Korea

December. 2021. - June. 2022.

- Research for Static and Dynamic Parallel Corpus Filtering and Mining
- Human-inspired curriculum learning based NMT
- Supported by NAVER PAPAGO
- Skills: Neural Machine Translation, Parallel corpus filtering, Pytorch, Fairseq

All Publications

TOP CONFERENCE

MIXTURE-OF-CLUSTERED-EXPERTS: Advancing Expert Specialization and Generalization in Instruction Tuning

Sugyeong Eo, Jungjun Lee, Chanjun Park, Heui-Seok Lim

Proceedings of the 2025 Conference on Empirical Methods in Natural Language Processing, EMNLP 2025 (Oral Presentation), 2025

Unveiling the Limits of Large Language Models in Inferring Pragmatic Meaning from Non-Verbal Responses

Sugyeong Eo, Heui-Seok Lim

ARR Under review (Metareview: 3.5), 2025

Debate Only When Necessary: Adaptive Multiagent Collaboration for Efficient LLM Reasoning

Sugyeong Eo, Hyeonseok Moon, Evelyn Hayoon Zi, Chanjun Park, Heui-Seok Lim

ARR Under review, 2025

Detecting Critical Errors Considering Cross-Cultural Factors in English-Korean Translation

Sugyeong Eo, Jungwoo Lim, Chanjun Park, Dahyun Jung, Seonmin Koo, Hyeonseok Moon, Jaehyung Seo, Heui-Seok Lim

Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation, LREC-COLING 2024 (Oral Presentation), 2024

Towards Precise Localization of Critical Errors in Machine Translation

Dahyun Jung, **Sugyeong Eo**, Heui-Seok Lim

Findings of the Association for Computational Linguistics ACL 2024, 2024

Length-aware Byte Pair Encoding for Mitigating Over-segmentation in Korean Machine Translation

Jungseob Lee, Hyeonseok Moon, Seungjun Lee, Chanjun Park, **Sugyeong Eo**, Hyunwoong Ko, Jaehyung Seo, Seungyoon Lee, Heui-Seok Lim

Findings of the Association for Computational Linguistics ACL 2024, 2024

Leveraging Pre-existing Resources for Data-Efficient Counter-Narrative Generation in Korean

Seungyoon Lee, Chanjun Park, DaHyun Jung, Hyeonseok Moon, Jaehyung Seo, **Sugyeong Eo**, Heui-Seok Lim

Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation, LREC-COLING 2024 (Oral Presentation), 2024

Hyper-BTS Dataset: Scalability and Enhanced Analysis of Back TranSCRIPTION (BTS) for ASR Post-Processing

Chanjun Park, Jaehyung Seo, Seolhwa Lee, Junyoung Son, Hyeonseok Moon, **Sugyeong Eo**, Chanhee Lee, Heui-Seok Lim

Findings of the Association for Computational Linguistics: EACL 2024, 2024

Generative Interpretation: Toward Human-Like Evaluation for Educational Question-Answer Pair Generation

Hyeonseok Moon, Jaewook Lee, **Sugyeong Eo**, Chanjun Park, Jaehyung Seo, Heui-Seok Lim

Findings of the Association for Computational Linguistics: EACL 2024, 2024

CHEF in the Language Kitchen: A Generative Data Augmentation Leveraging Korean Morpheme Ingredients

Jaehyung Seo, Hyeonseok Moon, Jaewook Lee, **Sugyeong Eo**, Chanjun Park, Heui-Seok Lim

Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing, 2023

KEBAP: Korean Error Explainable Benchmark Dataset for ASR and Post-processing

Seonmin Koo, Chanjun Park, Jinsung Kim, Jaehyung Seo, **Sugyeong Eo**, Hyeonseok Moon, Heui-Seok Lim

Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing, 2023

Informative Evidence-guided Prompt-based Fine-tuning for English-Korean Critical Error Detection

Dahyun Jung, **Sugyeong Eo**, Chanjun Park, Hyeonseok Moon, Jaehyung Seo, Heui-Seok Lim

Proceedings of the 13th International Joint Conference on Natural Language Processing and the 3rd Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics (Volume 1: Long Papers), IJCNLP-AAACL, 2023

Towards diverse and effective question-answer pair generation from children storybooks

Sugyeong Eo, Hyeonseok Moon, Jinsung Kim, Yuna Hur, Jeongwook Kim, Songeun Lee, Changwoo Chun, Sungsoo Park, Heuisseok Lim

Findings of the Association for Computational Linguistics, ACL (2023), 2023

PEEP-Talk: A Situational Dialogue-based Chatbot for English Education

Seungjun Lee, Yoonna Jang, Chanjun Park, Jungseob Lee, Jaehyung Seo, Hyeonseok Moon, **Sugyeong Eo**, Seounghoon Lee, Bernardo Yahya, Heui-Seok Lim

Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics (Volume 3: System Demonstrations), ACL, 2023

KU X Upstage's submission for the WMT22 Quality Estimation: Critical Error Detection Shared Task (Ranked 1st on the leaderboard)

Sugyeong Eo, Chanjun Park, Hyeonseok Moon, Jaehyung Seo, Heuisseok Lim

Seventh Conference on Machine Translation, WMT, 2022

QUAK: A Synthetic Quality Estimation Dataset for Korean-English Neural Machine Translation

Sugyeong Eo, Chanjun Park, Hyeonseok Moon, Jaehyung Seo, Gyeongmin Kim, Jungseob Lee, Heui-Seok Lim

Proceedings of the 29th International Conference on Computational Linguistics, COLING, 2022

Empirical Analysis of Noising Scheme based Synthetic Data Generation for Automatic Post-editing

Hyeonseok Moon, Chanjun Park, Seolhwa Lee, Jaehyung Seo, Jungseob Lee, **Sugyeong Eo**, Heui-Seok Lim

Proceedings of the Thirteenth Language Resources and Evaluation Conference, LREC, 2022

Priming Ancient Korean Neural Machine Translation

Chanjun Park, Seolhwa Lee, Jaehyung Seo, Hyeonseok Moon, **Sugyeong Eo**, Heuisseok Lim

Proceedings of the Language Resources and Evaluation Conference, LREC, 2022, Marseille, France

A Dog Is Passing Over The Jet? A Text-Generation Dataset for Korean Commonsense Reasoning and Evaluation

Should we find another model?: Improving Neural Machine Translation Performance with ONE-Piece Tokenization Method without Model Modification

Chanjun Park, **Sugyeong Eo**, Hyeonseok Moon, Heui-Seok Lim

Proceedings of the 2021 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies: Industry Papers, NAACL-Industry, 2021

INTERNATIONAL JOURNAL

Exploiting Hanja-based Resources in Processing Korean Historic Documents written by Common Literati

Hyeonseok Moon, Myunghoon Kang, Jaehyung Seo, **Sugyeong Eo**, Chanjun Park, Yeongwook Yang, Heuseok Lim

IEEE Access (2024). IEEE, 2024

Doubts on the reliability of parallel corpus filtering

Hyeonseok Moon, Chanjun Park, Seonmin Koo, Jungseob Lee, Seungjun Lee, Jaehyung Seo, **Sugyeong Eo**, Yoonna Jang, Hyunjoong Kim, Hyoung-gyu Lee

Expert Systems with Applications 233 (2023) p. 120962. Elsevier, 2023

Uncovering the Risks and Drawbacks Associated with the Use of Synthetic Data for Grammatical Error Correction

Seonmin Koo, Chanjun Park, Seolhwa Lee, Jaehyung Seo, **Sugyeong Eo**, Hyeonseok Moon, Heuseok Lim

IEEE Access (2023). IEEE, 2023

Enhancing Machine Translation Quality Estimation via Fine-Grained Error Analysis and Large Language Model

Dahyun Jung, Chanjun Park, **Sugyeong Eo**, Heuseok Lim

Mathematics 11.19 (2023) p. 4169. MDPI, 2023

A survey on evaluation metrics for machine translation

Seungjun Lee, Jungseob Lee, Hyeonseok Moon, Chanjun Park, Jaehyung Seo, **Sugyeong Eo**, Seonmin Koo, Heuseok Lim

Mathematics 11.4 (2023) p. 1006. MDPI, 2023

Word-level Quality Estimation for Korean-English Neural Machine Translation

Sugyeong Eo, Chanjun Park, Hyeonseok Moon, Jaehyung Seo, Heuseok Lim

IEEE Access 10 (2022) pp. 44964–44973. IEEE, 2022

An Automatic Post Editing with Efficient and Simple Data Generation Method

Hyeonseok Moon, Chanjun Park, Jaehyung Seo, **Sugyeong Eo**, Heuseok Lim

IEEE Access (2022). IEEE, 2022

Dense-to-Question and Sparse-to-Answer: Hybrid Retriever System for Industrial Frequently Asked Questions

Jaehyung Seo, Taemin Lee, Hyeonseok Moon, Chanjun Park, **Sugyeong Eo**, Imatitikua D Aiyanyo, Kinam Park, Aram So, Sungmin Ahn, Jeongbae Park

Mathematics 10.8 (2022) p. 1335. MDPI, 2022

Mimicking Infants' Bilingual Language Acquisition for Domain Specialized Neural Machine Translation

Chanjun Park, Woo-Young Go, **Sugyeong Eo**, Hyeonseok Moon, Seolhwa Lee, Heuseok Lim

IEEE Access 10 (2022) pp. 38684–38693. IEEE, 2022

Return on Advertising Spend Prediction with Task Decomposition-Based LSTM Model

Hyeonseok Moon, Taemin Lee, Jaehyung Seo, Chanjun Park, **Sugyeong Eo**, Imatitikua D Aiyanyo, Jeongbae Park, Aram So, Kyoungwha Ok, Kinam Park

Mathematics 10.10 (2022) p. 1637. MDPI, 2022

Empirical Analysis of Parallel Corpora and In-Depth Analysis Using LIWC

Chanjun Park, Midan Shim, **Sugyeong Eo**, Seolhwa Lee, Jaehyung Seo, Hyeonseok Moon, Heuseok Lim

Applied Sciences 12.11 (2022) p. 5545. Multidisciplinary Digital Publishing Institute, 2022

BERTOEIC: Solving TOEIC Problems Using Simple and Efficient Data Augmentation Techniques with Pretrained Transformer Encoders

Jeongwoo Lee, Hyeonseok Moon, Chanjun Park, Jaehyung Seo, **Sugyeong Eo**, Heuseok Lim

Applied Sciences 12.13 (2022) p. 6686. Multidisciplinary Digital Publishing Institute, 2022

PU-GEN: Enhancing generative commonsense reasoning for language models with human-centered knowledge

Jaehyung Seo, Dongsuk Oh, **Sugyeong Eo**, Chanjun Park, Kisu Yang, Hyeonseok Moon, Kinam Park, Heuseok Lim

Knowledge-Based Systems (2022) p. 109861. Elsevier, 2022

Plain Template Insertion: Korean-Prompt-Based Engineering for Few-Shot Learners

Jaehyung Seo, Hyeonseok Moon, Chanhee Lee, **Sugyeong Eo**, Chanjun Park, Jihoon Kim, Changwoo Chun, Heuseok Lim

IEEE Access 10 (2022) pp. 107587–107597. 2022

Comparative Analysis of Current Approaches to Quality Estimation for Neural Machine Translation

Sugyeong Eo, Chanjun Park, Hyeonseok Moon, Jaehyung Seo, Heuseok Lim, **(Equal Contribution (First Co-Author))**

Applied Sciences 11.14 (2021) p. 6584. Multidisciplinary Digital Publishing Institute, 2021

An Empirical Study on Automatic Post Editing for Neural Machine Translation

Hyeonseok Moon, Chanjun Park, **Sugyeong Eo**, Jaehyung Seo, Heuseok Lim, **(Equal Contribution (First Co-Author))**

IEEE Access 9 (2021) pp. 123754–123763. IEEE, 2021

INTERNATIONAL CONFERENCE

Explainable CED: A Dataset for Explainable Critical Error Detection in Machine Translation

Dahyun Jung, **Sugyeong Eo**, Chanjun Park, Heui-Seok Lim

Toward Practical Automatic Speech Recognition and Post-Processing: a Call for Explainable Error Benchmark Guideline

Seonmin Koo, Chanjun Park, Jinsung Kim, Jaehyung Seo, Sugyeong Eo, Hyeonseok Moon, Heuiseok Lim

ICML - DataPerf workshop (2024). 2024

A Self-Supervised Automatic Post-Editing Data Generation Tool

Hyeonseok Moon, Chanjun Park, **Sugyeong Eo**, Jaehyung Seo, SeungJun Lee, Heuiseok Lim

ICML - DataPerf workshop (2022). 2022

Focus on FoCus: Is FoCus focused on Context, Knowledge and Persona?

SeungYoon Lee, Jungseob Lee, Chanjun Park, **Sugyeong Eo**, Hyeonseok Moon, Jaehyung Seo, Jeongbae Park, Heui-Seok Lim

Proceedings of the 1st Workshop on Customized Chat Grounding Persona and Knowledge, 2022

A New Tool for Efficiently Generating Quality Estimation Datasets

Sugyeong Eo, Chanjun Park, Jaehyung Seo, Hyeonseok Moon, Heuiseok Lim

NeurIPS - Data-centric AI (DCAI) workshop, 2021

Dealing with the Paradox of Quality Estimation

Sugyeong Eo, Chanjun Park, Hyeonseok Moon, Jaehyung Seo, Heuiseok Lim, **(Equal Contribution (First Co-Author))**

MT Summit - Proceedings of the 4th Workshop on Technologies for MT of Low Resource Languages, LoResMT, 2021, Virtual

Automatic Knowledge Augmentation for Generative Commonsense Reasoning

Jaehyung Seo, Chanjun Park, **Sugyeong Eo**, Hyeonseok Moon, Heuiseok Lim

NeurIPS - Data-centric AI (DCAI) workshop, 2021

How should human translation coexist with NMT? Efficient tool for building high quality parallel corpus

Chanjun Park, Seolhwa Lee, Hyeonseok Moon, **Sugyeong Eo**, Jaehyung Seo, Heuiseok Lim

NeurIPS - Data-centric AI (DCAI) workshop (2021). 2021

BTS: Back TranSCRIPTION for Speech-to-Text Post-Processor using Text-to-Speech-to-Text

Chanjun Park, Jaehyung Seo, Seolhwa Lee, Chanhee Lee, Hyeonseok Moon, **Sugyeong Eo**, Heuiseok Lim

Proceedings of the 8th Workshop on Asian Translation, ACL WAT workshop, 2021, Online

DOMESTIC JOURNAL

Policy-based performance comparison study of Real-time Simultaneous Translation

Jungseob Lee, Hyeonseok Moon, Jaehyung Park, **Sugyeong Eo**, Seungjun Lee, Seonmin Koo, Heuiseok Lim

Journal of the Korea Convergence Society 13.3 (2022) pp. 43–54. Korea Convergence Society, 2022

Research on Subword Tokenization of Korean Neural Machine Translation and Proposal for Tokenization Method to Separate Jong-sung from Syllables

Sugyeong Eo, Chanjun Park, Hyeonseok Moon, Heuiseok Lim

Journal of the Korea Convergence Society 12.3 (2021) pp. 1–7. Korea Convergence Society, 2021

Research on Recent Quality Estimation

Sugyeong Eo, Chanjun Park, Hyeonseok Moon, Jaehyung Seo, Heuiseok Lim

Journal of the Korea Convergence Society 12.7 (2021) pp. 37–44. Korea Convergence Society, 2021

Study on Zero-shot based Quality Estimation

Sugyeong Eo, Chanjun Park, Jaehyung Seo, Hyeonseok Moon, Heuiseok Lim

Journal of the Korea Convergence Society 12.11 (2021) pp. 35–43. Korea Convergence Society, 2021

Filter-mBART Based Neural Machine Translation Using Parallel Corpus Filtering

Hyeonseok Moon, Chanjun Park, **Sugyeong Eo**, JeongBae Park, Heuiseok Lim

Journal of the Korea Convergence Society 12.5 (2021) pp. 1–7. Korea Convergence Society, 2021

A study on performance improvement considering the balance between corpus in Neural Machine Translation

Chanjun Park, Kinam Park, **Sugyeong Eo**, Hyeonseok Moon, Heuiseok Lim

Journal of the Korea Convergence Society 12.5 (2021) pp. 23–29. Korea Convergence Society, 2021

Recent Automatic Post Editing Research

Hyeonseok Moon, Chanjun Park, **Sugyeong Eo**, Jaehyung Seo, Heuiseok Lim

Journal of Digital Convergence 19.7 (2021) pp. 199–208. Journal of Digital Convergence, 2021

The Verification of the Transfer Learning-based Automatic Post Editing Model

Hyeonseok Moon, Chanjun Park, **Sugyeong Eo**, Jaehyung Seo, Heuiseok Lim

Journal of the Korea Convergence Society 12.10 (2021) pp. 27–35. Korea Convergence Society, 2021

Study on Decoding Strategies in Neural Machine Translation

Jaehyung Seo, Chanjun Park, **Sugyeong Eo**, Hyeonseok Moon, Heuiseok Lim

Journal of the Korea Convergence Society 12.11 (2021) pp. 69–80. Korea Convergence Society, 2021

A Study on Verification of Back TranSCRIPTION(BTS)-based Data Construction

Chanjun Park, Jaehyung Seo, Seolhwa Lee, Hyeonseok Moon, **Sugyeong Eo**, Heuiseok Lim

Journal of the Korea Convergence Society 12.11 (2021) pp. 109–117. Korea Convergence Society, 2021

DOMESTIC CONFERENCE

A Study on Proficiency in Solving Riddles of Large Language Model

Sugyeong Eo, Chanjun Park, Hyeonseok Moon, Jaehyung Seo, Yuna Hur, Heuiseok Lim

Annual Conference on Human and Language Technology, 2023

Korean Commonsense Reasoning Evaluation for Large Language Models

Jaehyung Seo, Chanjun Park, Hyeonseok Moon, **Sugyeong Eo**, Aram So, Heuiseok Lim
Annual Conference on Human and Language Technology, 2023

Critical Error Span Detection Model of Korean Machine Translation

Dahyun Jung, Seungyoon Lee, **Sugyeong Eo**, Chanjun Park, Jaewook Lee, Kinam Park, Heuiseok Lim
Annual Conference on Human and Language Technology, 2023

Empirical Study on the Hallucination of Large Language Models Derived by the Sentence-Closing Ending

Hyeonseok Moon, **Sugyeong Eo**, Jaehyung Seo, Chanjun Park, Yuna Hur, Heuiseok Lim
Annual Conference on Human and Language Technology, 2023

KoCED: English-Korean Critical Error Detection Dataset (Best Paper Award)

Sugyeong Eo, Suwon Choi, Seonmin Koo, Dahyun Jung, Chanjun Park, Jaehyung Seo, Hyeonseok Moon, Jeongbae Park, Heuiseok Lim
The 34rd Annual Conference on Human Cognitive Language Technology, 2022

Word-level Korean-English Quality Estimation

Sugyeong Eo, Chanjun Park, Jaehyung Seo, Heonseok Moon, HeuiSeok Lim
The 33rd Annual Conference on Human Cognitive Language Technology, 2021

Design Neural Machine Translation Model Combining External Symbolic Knowledge

Sugyeong Eo, Chanjun Park, HeuiSeok Lim
The 32st Annual Conference on Human Cognitive Language Technology, 2020

BackTranSCRIPTION (BTS)-based Jeju Automatic Speech Recognition Post-processor Research

Chanjun Park, Jaehyung Seo, Seolhwa Lee, Heonseok Moon, **Sugyeong Eo**, Yoonna Jang, Heuiseok Lim
The 33rd Annual Conference on Human Cognitive Language Technology, 2021

Verification of the Domain Specialized Automatic Post Editing Model

Heonseok Moon, Chanjun Park, Jaehyung Seo, **Sugyeong Eo**, HeuiSeok Lim
The 33rd Annual Conference on Human Cognitive Language Technology, 2021

KommonGen: A Dataset for Korean Generative Commonsense Reasoning Evaluation (Best Paper Award)

Jaehyung Seo, Chanjun Park, Heonseok Moon, **Sugyeong Eo**, Myunghoon Kang, Seounghoon Lee, HeuiSeok Lim
The 33rd Annual Conference on Human Cognitive Language Technology, 2021

BOOK CHAPTERS

Natural Langugae Processing Bible

Heuiseok Lim, **Korea University NLP AI Lab**

Human Science, <https://www.aladin.co.kr/shop/wproduct.aspx?partner=rss&ISBN=K412637214>, 2020

Patents

	DEVICE AND METHOD FOR CONFIDENCE-BASED EFFICIENT MULTIAGENT COLLABORATION,	South Korea
2025.07	10-2025-0087619	
2024.12	CLUSTER-BASED MIXTURE-OF-EXPERTS TRAINING SYSTEM, 10-2024-0194707	South Korea
2024.08	DEVICE AND METHOD FOR GENERATION OF DIVERSE QUESTION-ANSWER PAIR, US Patent App. 18/585,166	US
2023.02	DEVICE AND METHOD FOR FOR GENERATION OF DIVERSE QUESTION-ANSWER PAIR, Apply for a patent	South Korea
2022.11	DEVICE AND METHOD FOR DETECTING MACHINE TRANSLATION CRITICAL ERROR BASED ON PROMPT, Apply for a patent	South Korea
2023.10	DEVICE AND METHOD FOR GENERATING OF TRAINING DATA FOR QUALITY ESTIMATION IN MACHINE TRANSLATION, Granted patent	South Korea
2021.09	DEVICE AND METHOD FOR GENERATING TRAINING DATA FOR AUTOMATIC POST EDITING, Apply for a patent	South Korea

Honors & Awards

2023.08	Best Paper Award, 2024, Korea University	South Korea
2022.12	1st place in WMT 2022 QE Task 3, 2022, WMT 2022 - EMNLP 2022	Abu Dhabi
2022.12	NAVER Ph.D Fellowship, 2022, NAVER	South Korea
2022.10	Best Paper Award, 2022, The 34th Annual Conference on Human & Cognitive Language Technology (HCLT2022)	South Korea
2021.10	Best Paper Award, 2021, The 33rd Annual Conference on Human & Cognitive Language Technology (HCLT2021)	South Korea
2022.11	Ranked 4th, 2022, CommonGen 1.1 Leaderboard (University of Southern California)	US

Invited Talk & Teaching Experience

- Basic practice of natural language processing for everyone
- Invited by Hankuk University of Foreign Studies, Interpreting and Translation Research Institute (ITRI)

Korea University

- Computer Programming II (COSE102 (02), Undergraduate), Korea University
- Computational Thinking (GECT001, Undergraduate), Korea University
- NLP for Digital Finance Engineering (DFE610, Graduate), Korea University

Skills

Machine Learning & Deep Learning

Pytorch, Pytorch lightning, Tensorflow

Natural Language Processing

vLLM, Huggingface, Wandb, Fairseq

Product & Project & Data Manager

MS Office, Notion, Slack

Etc

Linux, Azure, Docker, Github

Language Skills

Korean, English (Intermediate High (Opic))