Jihyoung Jang

807A, 106 Engineering Bldg.3, Ulsan National Institute of Science and Technology, UNIST-gil 50, Ulsan, Republic of Korea

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RESEARCH INTEREST

Natural Language Processing, Multimodal, Conversation, Dialogue, Evaluation

EDUCATION

Ulsan National Institute of Science and Technology (UNIST)   Ulsan, South Korea
Ph.D. in Artificial Intelligence   Feb 2023 - Present

Handong Global University (HGU)   Pohang, South Korea
B.S. in Artificial Intelligence, Computer Science and Engineering   Feb 2019 – Feb 2023

PUBLICATION

1. One paper is *under review* at ACL ARR February 2024

2. **Jihyoung Jang**, MinSeong Boo, Hyounghun Kim, "*Conversation Chronicles: Towards Diverse Temporal and Relational Dynamics in Multi-Session Conversations,*" Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP 2023) [Paper] [Project Page]

3. **Jihyoung Jang**, Hoyoon Choi, Gun-woo Lee, Myung-seok Choi, Charmgil Hong, "*An Automated Production System Design for Natural Language Processing Models Using Korean Pre-trained Model,*" Proceedings of the 34th Annual Conference on Human and Cognitive Language Technology, pp. 613-618, 2022.

4. **Jihyoung Jang**, Charmgil Hong, "*Automated Topic Classification of the News Articles on North Korea and Korean Unification,*" Korea Computer Congress 2022, pp. 2126-2128, 2022.

RESEARCH EXPERIENCE

Language & Intelligence Lab   Jan 2023 – Present
Graduate Student, Lab Representative
Advisor: *Hyounghun Kim*

Handong Artificial Intelligence Lab   Sep 2019 – Dec 2022
Research Assistant
Advisor: *Charmgil Hong*

REPROD, *Funded by KISTI*   May 2022 – Dec 2022
Developed MLOps and AutoML solutions for Korean pre-trained models

Korea Unification Bigdata Center, *Funded by Ministry of Unification*   Nov 2020 – July 2022
Developed an advanced search engine for documents related to Korean unification and North Korea

Pancreatic Cancer Risk Project, *Funded by HERINGS*   Mar 2020 – June 2020
Participated in developing web interface for inferring a model predicting pancreatic cancer risk

Data Mining Team, *Funded by ETRI*   Sep 2019 – Nov 2019
Crawled data for machine learning model training

TEACHING EXPERIENCE

Teaching Assistant
Artificial Intelligence   Fall 2023
Professor: *Hyounghun Kim (UNIST CS)*

Principles of Deep Learining   Spring 2023
Professor: *Hyounghun Kim (UNIST AIGS)*

Database System   Spring 2022
Professor: *Charmgil Hong (HGU CSEE)*

C Programming Laboratories   Fall 2020
Professor: *Charmgil Hong (HGU CSEE)*

OTHER EXPERIENCE

AI Novatus Academia Program Assistant (UNIST)   May 2023 – Jan 2024
Project-based learning for industrial engineers

Freshmen Mentor (HGU)   Feb 2020 – Dec 2020

Student Government (HGU)   Aug 2019 – Dec 2020
Vice Director

HONORS & AWARDS

Research Project Contest (prize $4,000), UNIST   Apr 2023
Best Undergraduate Student Paper Award, KIISE   July 2022
Achievement Award, Handong Global University   Jan 2021

SKILLS

Programming Language: Python, C/C++, Java, R, SQL
Library: PyTorch, TensorFlow, Hugging Face
Other: Linux, Docker, Kubernetes, Elasticsearch, MongoDB, Flask

REFERENCES

Hyounghun Kim   Assistant Professor, UNIST AIGS
h.kim@unist.ac.kr

Chramgil Hong   Assistant Professor, Handong Global University CSEE
charmgil@hanodng.edu