

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, Conversation, Dialogue, Explainable AI, Information Retrieval

EDUCATION

Ulsan National Institute of Science and Technology (UNIST)

Ph.D. in Artificial Intelligence

Ulsan, South Korea

Feb 2023 - Present

Handong Global University

B.S. in Artificial Intelligence, Computer Science and Engineering

Pohang, South Korea

Feb 2019 – Feb 2023

PUBLICATION

1. **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.
2. **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.

ACADEMIC EXPERIENCE

Teaching Assistant

Principles of Deep Learning

Professor: *Hyoungun Kim*

Spring 2023

Database System

Professor: *Charmgil Hong*

Spring 2022

C Programming Laboratories

Professor: *Charmgil Hong*

Fall 2020

RESEARCH EXPERIENCE

Language & Intelligence Lab

Graduate Student

Advisor: *Hyoungun Kim*

Jan 2023 – Present

Handong Artificial Intelligence Lab Research Assistant Advisor: <i>Charmgil Hong</i>	Sep 2019 – Present
REPROD, Funded by KISTI Developed MLOps and AutoML solution for Korean pre-trained model	May 2022 – Dec 2022
Korea Unification Bigdata Center, Funded by Ministry of Unification Developed an advanced search engine for documents related to Korean unification and North Korea	Nov 2020 – July 2022
Pancreatic Cancer Risk Project, Funded by HERINGS Participated in developing web interface to visualize personal pancreatic cancer risk	Mar 2020 – Jun 2020
Data Mining Team, Funded by ETRI Crawled data for machine learning model training	Sep 2019 – Nov 2019

OTHER EXPERIENCE

Freshmen Mentor	Feb 2020 – Dec 2020
Student Government Vice Director, Department of Political Affairs Vice Director, Department of Information Technology	Jan 2020 – Dec 2020 Aug 2019 – Dec 2019

AWARDS

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
Other: Linux, Docker, Kubernetes, Elasticsearch, MongoDB, Flask

REFERENCES

Hyounghun Kim
Assistant Professor @ UNIST AIGS

Chramgil Hong
Assistant Professor @ Handong Global University CSEE