

Jiyoung Jang

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

jihyoung@unist.ac.kr, +82-10-2757-1693

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. **Jiyoung 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. **Jiyoung 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: <i>Hyounghun Kim</i>	Spring 2023
Database System Professor: <i>Charmgil Hong</i>	Spring 2022
C Programming Laboratories Professor: <i>Charmgil Hong</i>	Fall 2020

RESEARCH EXPERIENCE

Language & Intelligence Lab Graduate Student Advisor: <i>Hyounghun Kim</i>	Jan 2023 – Present
Handong Artificial Intelligence Lab Research Assistant Advisor: <i>Charmgil Hong</i>	Sep 2019 – Dec 2022
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 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 to visualize personal pancreatic cancer risk

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

OTHER EXPERIENCE

Freshmen Mentor Feb 2020 – Dec 2020

Student Government

Vice Director, Department of Political Affairs Jan 2020 – Dec 2020
Vice Director, Department of Information Technology 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

Hyoungun Kim
Assistant Professor @ UNIST AIGS

Chramgil Hong
Assistant Professor @ Handong Global University CSEE