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) Ulsan, South Korea
  Ph.D. in Artificial Intelligence Feb 2023 - Present

Handong Global University Pohang, South Korea
  B.S. in Artificial Intelligence, Computer Science and Engineering 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 Learining Spring 2023
  Professor: *Hyounghun Kim*

  Database System Spring 2022
  Professor: *Charmgil Hong*

  C Programming Laboratories Fall 2020
  Professor: *Charmgil Hong*

RESEARCH EXPERIENCE

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

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

REPROD, Funded by KISTI   May 2022 – Dec 2022
Developed MLOps and AutoML solution for Korean pre-trained model
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 – Jun 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

Hyounghun Kim
Assistant Professor @ UNIST AIGS

Chramgil Hong
Assistant Professor @ Handong Global University CSEE