

Research Interests: Machine Learning, Interpretability, Explainable AI, Natural Language Processing

EDUCATION

KAIST

Ph.D. in Artificial Intelligence
Area: Natural Language Processing
Advisor: Jaesik Choi

Mar 2021 – Present

UNIST

M.S. in Computer Science

Mar 2019 – Feb 2021

Handong Global University

B.S. in Computer Science

Mar 2015 – Feb 2019

HONORS AND AWARDS

- 2nd Place, ETRI Artificial Intelligence Open API Use Case Excellence Award, 2020
- 2nd Place, Connect6 AI Tournament in Handong Global University, 2018
- 3rd Place in Campus, ACM-ICPC Seoul Regional Preliminary Contest, 2018
- 3rd Place in Campus, ACM-ICPC Daejeon Regional Preliminary Contest, 2017

PUBLICATIONS AND PREPRINTS

- [9] **Cheongwoong Kang**, Jongeun Baek, Yeonja Kim and Jaesik Choi. “When Format Changes Meaning: Investigating Semantic Inconsistency of Large Language Models”. *Findings of EMNLP*. 2025.
- [8] Anh Tong, Thanh Nguyen-Tang, Dongeun Lee, Duc Nguyen, Toan Tran, David Leo Wright Hall, **Cheongwoong Kang** and Jaesik Choi. “Neural ODE Transformers: Analyzing Internal Dynamics and Adaptive Fine-tuning”. *ICLR*. 2025.
- [7] **Cheongwoong Kang**, Wonjoon Chang and Jaesik Choi. “Balanced Domain Randomization for Safe Reinforcement Learning”. *Applied Sciences*. 2024.
- [6] **Cheongwoong Kang** and Jaesik Choi. “Impact of Co-occurrence on Factual Knowledge of Large Language Models”. *Findings of EMNLP*. 2023.
- [5] Sunjae Kwon, **Cheongwoong Kang**, Jiyeon Han and Jaesik Choi. “Why Do Neural Language Models Still Need Commonsense Knowledge to Handle Semantic Variations in Question Answering?”. *Preprint*. 2022.
- [4] Bumjin Park, **Cheongwoong Kang** and Jaesik Choi. “Cooperative Multi-Robot Task Allocation with Reinforcement Learning”. *Applied Sciences*. 2021.
- [3] **Cheongwoong Kang**, Bumjin Park and Jaesik Choi. “Scheduling PID Attitude and Position Control Frequencies for Time-Optimal Quadrotor Waypoint Tracking under Unknown External Disturbances”. *Sensors*. 2021.
- [2] Sunjae Kwon, **Cheongwoong Kang**, Jiyeon Han and Jaesik Choi. “Why Do Masked Neural Language Models Still Need Common Sense Knowledge?”. *Reasoning for Complex QA Workshop @ AAAI*. 2020.
- [1] **Cheongwoong Kang**, Youngheon Ro, Jisu Kim and Heeyoul Choi. “Symbolizing Numbers to Improve Neural Machine Translation”. *Journal of Digital Contents Society*. 2018.

TEACHING

- Teaching Assistant: Deep Learning (Spring 2023, Fall 2021)
- Teaching Assistant: Interpretability and Interactivity in AI (Spring 2022)
- Teaching Assistant: AI-based Time Series Analysis (Spring 2021)