

Gyouk Chu

Email: kyouwook@kaist.ac.kr

Websites: <https://github.com/GyoukChu> | <https://huggingface.co/ChuGyouk>



EDUCATION

Korea Advanced Institute of Science and Technology

Daejeon, Republic of Korea

B.S. in Electrical Engineering

Mar 2020 – Feb 2025

- GPA: 4.18/4.30, *summa cum laude*, Dean's List (21F, 22S, 23S)
- Double Major in Mathematical Sciences
- Advanced Major in Electrical Engineering

Korea Advanced Institute of Science and Technology

Daejeon, Republic of Korea

M.S. in Artificial Intelligence

Mar 2025 – Present

- Advisor: Prof. Eunho Yang

RESEARCH INTEREST

Natural Language Processing, Audio Signal Processing

PUBLICATIONS

1. Choi, J., Chu, G., & Choi, J. W. (2023, November). Prediction-segmentation tasks for self-supervision of anomaly detection networks under noisy conditions. In INTER-NOISE and NOISE-CON Congress and Conference Proceedings (Vol. 268, No. 6, pp. 2241-2248). Institute of Noise Control Engineering.

EXPERIENCE

Individual Study

Dec 2022 – Jun 2023

Smart sound Systems Laboratory (PI: JungWoo Choi)

KAIST

- Anomalous Sound Detection Task
 - **DCASE2020 Challenge TASK 2:** Unsupervised Detection of Anomalous Sounds for Machine Condition Monitoring
 - Responsible for classification-based anomaly detection using WaveNet

Internship

Jun 2023 – Present

Machine Learning and Intelligence Laboratory (PI: Eunho Yang)

KAIST

- Large Language Model Domain Adaptation Task
 - **MEDIQA-Chat @ ACL-ClinicalNLP 2023 Task A,B:** Doctor-Patient Medical Conversation to Clinical Note Summarization
 - **Korean Medical Gemma-2:** Development of a Model that performs well on the Korean Healthcare Professional Licensing Examinations (KorMedMCQA) benchmark

HONORS AND AWARDS

- National Excellence Scholarship (Natural Sciences and Engineering), Korea Student Aid Foundation (KoSAF), 2022 – 2023

ADDITIONAL INFORMATION

KAIST Freshman Tutoring Program

Sept 2021 – Dec 2024

Calculus I, Calculus II, Intro. to Programming

Certifications

- Natural Language Processing Specialization from DeepLearning.AI (Coursera, 2024)
- Audio Course Certificate of Excellence (HuggingFace, 2024)