

JIYOUNG LEE

🌐 <https://github.com/jiyounglee-0523> 🌐 <https://jiyounglee-0523.github.io> ✉️ jiyounglee0523@kaist.ac.kr

EDUCATION

M.Sc. in Artificial Intelligence

Sep 2020 - Present

Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea

Advisor: Prof. Edward Choi

B.Sc. in Statistics

March 2016 - Aug 2020

Sookmyung Women's University, Seoul, South Korea

GPA: 4.08 / 4.3 (Ranked 1st in the Department of Statistics)

WORK EXPERIENCE

Research Intern

Feb 2022 - Aug 2022

Naver Corporation - Papago Team (advised by Cheonbok Park)

PUBLICATIONS

Conference Proceedings

- **Jiyoung Lee**, Hantae Kim, Hyunchang Cho, Edward Choi, and Cheonbok Park. Specializing Multi-domain NMT via Penalizing Low Mutual Information. In *Proc. of Conference on Empirical Methods in Natural Language Processing (EMNLP) 2022*
- Kyunghoon Hur*, **Jiyoung Lee***, Jungwoo Oh, Wesley Price, Young-Hak Kim, and Edward Choi. Unifying Heterogenous Electronic Health Records Systems via Text-Based Code Embedding. In *Proc. of Conference on Health, Inference, and Learning (CHIL) 2022*

Workshops, Preprints, and Domestic Conferences

- Radhika Dua, **Jiyoung Lee**, Joon-myung Kwon, and Edward Choi. Automatic Detection of Noisy Electrocardiogram Signals without Explicit Noise Labels. In *International Workshop on Pattern Recognition in Healthcare Analytics (PRHA) 2022*
- **Jiyoung Lee**, Wonjae Kim, Daehoon Gwak, and Edward Choi. Conditional Generation of Periodic Signals with Fourier-Based Decoder. In *Deep Generative Models and Downstream Applications Workshop at NeurIPS 2021*
- Woncheol Shin, Gyubok Lee, **Jiyoung Lee**, Joonseok Lee, and Edward Choi. Translation-equivariant Image Quantizer for Bi-directional Image-Text Generation. 2021 arXiv:2112.00384
- Jounghmin Choi, **Jiyoung Lee**, Jieun Kim, Jihyun Kim, and Heejoon Chae. Breast Cancer Subtype Classification utilizing Multi-Omics Data Integration based on Neural Network. In *Journal of Korean Institute of Information Scientists and Engineers (JOK), VOL 46 NO. 02 PP. 0476 - 0478 2019. 12*

TECHNICAL SKILLS

Computational Graphs Language

Pytorch
Korean (Native), English (Fluent)

EXPERIENCES

Research Assistant

Computational Bio Intelligence Lab, Sookmyung Women's University, June 19 - Feb 20

Teaching Assistant

AI504: Programming for AI, KAIST, 2021 Fall

AI612: Machine Learning for Healthcare, KAIST, 2021 Spring

AI504: Programming for AI, KAIST, 2020 Fall

Academic Service

ACCV 2022 Reviewer

AWARDS & SCHOLARSHIPS

Google Conference Scholarship 2022