



DAEYOUNG KIM

 github.com/cyclam3n

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RESEARCH INTERESTS

Reliability of Machine Learning, Natural Language Processing, Machine Learning for Healthcare

EDUCATION

Korea Advanced Institute of Science and Technology

March 2021 - Present

Master's Degree

- Master of Artificial Intelligence (Graduate School of AI)
- Advisor: Prof. Edward Choi
- GPA 3.97 / 4.3 (Present)

Korea University

Mar 2015 - Feb 2021

Bachelor's Degree

- Bachelor of Department of Computer Science and Engineering
- Bachelor of Integrated Major in Information Security Convergence
- GPA 3.81 / 4.5

PUBLICATION

Towards the Practical Utility of Federated Learning in the Medical Domain

Seongjun Yang, Hyeonji Hwang, **Daeyoung Kim**, Radhika Dua, Jong-Yeup Kim, Eunho Yang, and Edward Choi
arxiv 2022.

Revisiting the Importance of Amplifying Bias for Debiasing

Jungsoo Lee*, Jeonghoon Park*, **Daeyoung Kim***, Juyoung Lee, Edward Choi, Jaegul Choo
arxiv 2022.

Uncertainty-Aware Text-to-Program for Question Answering on Structured Electronic Health Records

Daeyoung Kim, Seongsu Bae, Seungho Kim, Edward Choi.

In Proc. of Conference on Health, Inference, and Learning (**CHIL**) 2022.

Question Answering for Complex Electronic Health Records Database using Unified Encoder-Decoder Architecture

Seongsu Bae, **Daeyoung Kim**, Jiho Kim, Edward Choi.

In Proc. of Machine Learning for Health (**ML4H**) 2021 (Oral Spotlight)

RESEARCH AND WORK EXPERIENCES

Research Engineer Intern

Jul 2022 - Present

NAVER CLOVA., Seongnam, South Korea

- Sentence Embedding using Large Language Model

Research Engineer Intern

Jul 2020 - Aug 2020

NAVER Corp., Seongnam, South Korea

- Sentimental Analysis of Short Sentence, Data Augmentation

Undergraduate Researcher

Jan 2020 - Dec 2020

Data Mining and Information Systems Lab, Seoul, South Korea

AWARD

Capstone Design at Korea Univ.

Text Summarization of Biomedical paper related to COVID-19

3rd Award

Jun 2020

HeLP Challenge 2019 at Asan Medical Center

Breast Cancer Classification on Frozen Pathology

1st Award

Apr 2020

Kakao Arena

Article Recommendation Task

3rd Award

Feb 2019

TECHNICAL SKILLS

Programming Language:

Python, C

Deep Learning Framework:

Pytorch, Keras, TensorFlow