DAEYOUNG KIM

 github.com/cyc1am3n

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RESEARCH INTERESTS

Reliability of Machine Learning, Natural Language Processing, 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
Yang Seongjun, Hwang Hyeonji, Kim Daeyoung, Dua Radhika, Kim Jong-Yeup, Yang Eunho, and Choi Edward
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. **3rd Award**
Text Summarization of Biomedical paper related to COVID-19 *Jun 2020*

HeLP Challenge 2019 at Asan Medical Center **1st Award**
Breast Cancer Classification on Frozen Pathology *Apr 2020*

Kakao Arena **3rd Award**
Article Recommendation Task *Feb 2019*

TECHNICAL SKILLS

Programming Language: Python, C
Deep Learning Framework: Pytorch, Keras, TensorFlow