DAEYOUNG KIM

 github.com/cyc1am3n

 daeyoung.k03@gmail.com

RESEARCH INTERESTS

Multi-modality in AI, Reliability of Machine Learning, Machine Learning for Healthcare

EDUCATION

Korea Advanced Institute of Science and Technology   *March 2021 - Feb 2023*
Master's Degree

- Master of Artificial Intelligence (Kim Jaechul Graduate School of AI)
- Advisor: Prof. Edward Choi
- GPA 3.98 / 4.3

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

OffsetBias: Leveraging Debiased Data for Tuning Evaluators
Junsoo Park*, Seungyeon Jwa*, Meiying Ren, **Daeyoung Kim**, and Sanghyuk Choi
In Findings in Empirical Methods in Natural Language Processing, (**EMNLP**), 2024

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
In Proc. of Conference on Health, Inference, and Learning (**CHIL**) 2023.

Revisiting the Importance of Amplifying Bias for Debiasing
Jungsoo Lee*, Jeonghoon Park*, **Daeyoung Kim***, Juyoung Lee, Edward Choi, Jaegul Choo
In Proc. of Association for the Advancement of Artificial Intelligence (**AAAI**), 2023, (**Oral Presentation**)

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 Presentation**)

Empowering Sentence Encoders with Prompting and Label Retrieval for Zero-shot Text Classification
Jimin Hong*, Jungsoo Park*, **Daeyoung Kim***, Seongjae Choi, Bokyung Son, and Jaewook Kang
Under Review

RESEARCH AND WORK EXPERIENCES

Research Engineer *Feb 2023 - Present*
NCSOFT, Seongnam, South Korea
- Large Multimodal Model
- Alignment Tuning (RLHF, RLAIF)
- LLM-as-an-evaluator
- Writing Assistant using LLM

Research Engineer Intern *Jul 2022 - Jan 2023*
NAVER CLOVA CIC., Seongnam, South Korea
- Sentence Embedding using Large Language Model (HyperCLOVA)

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