Gangwoo Kim

Ph.D. Student in Computer Science

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⌂ gankim.github.io

EDUCATION

Korea University   Mar 2020 - Present

Ph.D Student in Computer Science (Advisor: Jaewoo Kang)

Korea University   Mar 2013 - Feb 2020

Bachelor's in Statistics (Advisor: Myunghoe Huh)

EXPERIENCES

Microsoft Research Asia   Oct 2022 - Apr 2023
Natural Language Computing

Research Intern (Mentor : Eric Chang and Lei Ji)

NAVER AI Lab   Sep 2021 - Feb 2022
Language Research

Research Intern (Mentor : Sungdong Kim)

Seoul National University Hospital   Jan 2018 - Aug 2018
Division of Clinical Bioinformatics

Research Intern (Mentor: Kwangsoo Kim)

PUBLICATIONS

Tree of Clarifications: Answering Ambiguous Questions with Retrieval-Augmented Large Language Models
Gangwoo Kim, Sungdong Kim, Byeongguk Jeon, Joonsuk Park, Jaewoo Kang
EMNLP 2023 (short)

Pre-trained Vision-Language Model for Radiology Report Summarization
Gangwoo Kim, Hajung Kim, Lei Ji, Seongsu Bae, Chanhwi Kim, Mujeen Sung, Hyunjae Kim, Kun Yan, Eric Chang, Jaewoo Kang
BioNLP Workshop @ ACL 2023

Generating Information-Seeking Conversations from Unlabeled Documents
Gangwoo Kim[†], Sungdong Kim[†], Kang Min Yoo, Jaewoo Kang
EMNLP 2022 (long, oral)

Saving Dense Retriever from Shortcut Dependency in Conversational Search
Sungdong Kim, **Gangwoo Kim**
EMNLP 2022 (short)

Learn to Resolve Conversational Dependency: A Consistency Training Framework for Conversational Question Answering
Gangwoo Kim, Hyunjae Kim, Jungsoo Park, Jaewoo Kang
ACL 2021 (long)

Look at the First Sentence: Position Bias in Question Answering

Miyoung Ko, Jinhyuk Lee, Hyunjae Kim, **Gangwoo Kim**, Jaewoo Kang

EMNLP 2020 (long)

Transferability of Natural Language Inference to Biomedical Question Answering

Minbyul Jeong, Mujeen Sung, **Gangwoo Kim**, Donghyeon Kim, Wonjin Yoon, Jaehyo Yoo, Jaewoo Kang

BioASQ Workshop @ CLEF 2020

HONORS & AWARDS

Winner of RadSum23 Challenge - Task 1B, MIMIC-CXR Hidden (1st place)   Jul 2023

- An international challenge on radiology report summarization hosted by Stanford University
- Achieved the best performance on the official leaderboard[1]

Winner of the Eighth BioASQ Challenge - Task 8b, Phase B (1st place)   Sep 2020

- An international challenge on biomedical question answering hosted by Google, EU, NIH
- Outperformed University of California San Diego, Fudan University, and more

CMK Foundation Scholarship, Hyundai Motors   Sep 2020 - Present

SERVICES

EMNLP 2023
Conference Reviewer

ACL 2023
Conference Reviewer

EMNLP 2022
Conference Reviewer

EMNLP 2021
Conference Reviewer

ACL 2020
Secondary Reviewer for Conference

TEACHING

DFC622 Advanced Data Science   Spring 2021

Teaching Assistant

DFC606 Artificial Intelligence Theory and Application   Spring 2020

Teaching Assistant

COSE471 Data Science   Spring 2020

Teaching Assistant

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[1] "ku-dmis-msra" at https://vilmedic.app/misc/bionlp23/leaderboard/