

# Gangwoo Kim

Ph.D. Student in Computer Science

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🏠 gankim.github.io

## EDUCATION

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**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)

## EXPERIENCE

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**Microsoft Research Asia**

Oct 2022 - Apr 2023

*Multimodal Medical Imaging*

Research Intern (Mentor : Eric Chang, 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

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**Pre-trained Vision-Language Model for Radiology Report Summarization**

**Gangwoo Kim**<sup>†</sup>, 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**<sup>†</sup>, Sungdong Kim<sup>†</sup>, 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

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**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<sup>1</sup>
- Technical report will be published at BioNLP workshop @ ACL 2023

**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

## SERVICES

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**EMNLP 2023**

Conference Reviewer

**ACL 2023**

Conference Reviewer

**EMNLP 2022**

Conference Reviewer

**EMNLP 2021**

Conference Reviewer

**ACL 2020**

Secondary Reviewer for Conference

## TEACHING

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**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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<sup>1</sup>“ku-dmis-msra” at <https://vilmedic.app/misc/bionlp23/leaderboard/>