

Minseo Kim

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Education

GIST (Gwangju Institute of Science and Technology)

Gwangju, KR

B.S IN ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

Mar. 2020 - current

- Estimated Graduation: Feb. 2025
- Major course taken:
 - Computer Programming, Object Oriented Programming, Database System, Digital Design, Computer Architecture, Algorithm, Artificial Intelligence, Automata Theory

University of California, Berkeley

Berkeley, CA (Real-time remote)

SUMMER EXCHANGE

Jun. 2021 - Aug. 2021

- CS61BL, Data Structure and Methodology
- RHET166, Rhetoric in Law and Politics

University of California, Berkeley

Berkeley, CA

EXCHANGE STUDENT (BERKELEY GLOBAL ACCESS)

Spring 2023

- CS188, Data Structure and Methodology
- CS161, Computer Security
- CHEM 171H, Berkeley Changemaker: The Green Material
- BUSADM489.8-002, Career Development and Coaching Seminar

Seoul National University

Seoul, KR

EXCHANGE STUDENT (FROM OTHER LOCAL UNIVERSITY)

Fall 2023

- M1522.001000, Computer Vision
- 046.009, Evolution of the Universe
- 042.017, Religion and Film
- 043.066, Philosophical Understanding of Science

Experience

GIST Institute of Artificial Intelligence, GIAI

Gwangju, KR

RESEARCH INTERN

Nov. 2021 - Jun. 2022

- Assisted research work on creating a chatbot as a 'friendly robot'.
- Weekly meeting: NLP Paper reading & CS224N
 - Information Retrieval
 - Reader Model
 - QA Datasets
- Research about task analysis on dense models on 5W1H queries

LK Lab, KAIST (advised by Prof. Minjoon Seo)

Seoul, KR

RESEARCH INTERN

Nov. 2021 - Jun. 2022

- Assisted research work on improving IR models being advised by Hanseok Oh (MS), and Prof. Minjoon Seo
 - "Semantic Filtering", focusing on model's improvement on lexical matching and conditional queries
 - "Universal Retrieval", domain-free IR models
- IR & QA Reading Group

EdLab, KAIST (advised by Prof. Edward Choi)

Seoul, KR

RESEARCH INTERN

Dec. 2023 - Feb. 2024

- Medical AI/NLP
- **ehrsq1-2024**: Text-to-SQL on EHR database

Extracurricular Activity

GDSC (Google Developers Student Club)

Gwangju, KR

LEAD

Aug. 2021 - Jul. 2022

- Organized a half-year curriculum for club members and encouraged an active developers' community.
- Participated various programs planned by the club as a group leader/member/mentor.
- Study Group Activity: Coursera NLP Course
- Kaggle Competitions Projects including *Titanic - Machine Learning from Disaster* and *Natural Language Processing with Disaster Tweets*
- Paper Reading Study:
 - Mentor: Taught a methodology and offered tips about reading papers.
- Collaborated with GDG Gwangju for a Tech Talk event.

PAN+ Liberal Arts and Humanities Scholarship

Seoul, KR

SCHOLARSHIP STUDENT

Mar. 2021 - Dec. 2022

- Liberal arts lectures: philosophy, history, literary, etc.
- Discussions(seminar) with groups after reading books
- Produced a podcasts channel, "PAN+ Four Seekers", about social issues brought by new media and technology.
- Wrote weekly essays about each lecture & seminar.

Google Data Analytics Professional Certificate

Coursera

GOOGLE

Jan. 2024

- Data Processing, Visualization, and R programming

Honors & Awards

- 2022 **Participation Prize**, GIST Integrated Technology Contest: EMS Development by GIST
- 2023 **Excellence Award**, 2023 K-iium Medical AI Contest by PNUH
- 2023 **Grand Prize**, GIST Integrated Technology Contest: EMS Development by GIST
- 2023 **Finals**, 2023 Korean AI Competition by MSIT & NIA

Gwangju, KR

Busan, KR

Gwangju, KR

KR

Program Committees

- 02.04.22 **Organizer**, 2022 GDSC KR Winter Hack
- 02.25.22 **Organizer & Host**, GDSC Global TechFeb 2022
- 03.15.22 **Organizer & Host**, GDG X GDSC Collaboration Event: AI in Wonderland
- 04.30.22 **Organizer & Host**, GDG X GDSC Collaboration Event: Cloud in Wonderland
- 10.12.22 **Producer & Host**, Podcast: PAN+ Four Wonderers

Online, KR

Live Stream

Gwangju, KR

Gwangju, KR

Seoul, KR

Skills

- Programming** Python, JAVA, C, SQL, Go
- Tools** Huggingface, Git, Docker, PyTorch/Keras
- Language** English (fluent: TOEFL 106/120)