
MinJi Kim

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EDUCATION

Yonsei University, Seoul, Korea Mar 2024 – Feb 2026

Masters Candidate in Artificial Intelligence (GPA: 4.24 / 4.3)

- Research Interest: Multimodal Information Extraction, Physical AI, Robotics, Temporal Knowledge Graph Forecasting, Multi-document QA
- Coursework: Deep Learning for NLP, Robot Learning, Ontology Engineering

Hongik University, Seoul, Korea Mar 2019 – Feb 2024

Bachelor of Engineering in Computer Engineering (GPA: 3.97 / 4.5)

- Coursework: Data Structures and Algorithms, Computer Architecture, Database, Machine Learning

PUBLICATIONS

[1] **Minji Kim**, Yusol Oh, Midan Shim, Kaehyun Um, Kyong-Ho Lee "Anchor-Guided Collaborative Grounding for Context-aware Grounded Multimodal Named Entity Recognition", Under Review

AWARDS

Gold Prize, Service Development Competition, Nov 2021
Dept. of Computer Engineering, Hongik University

Excellence Award (Third Place), Graduation Exhibition, Nov 2023
Dept. of Computer Engineering, Hongik University

RESEARCH EXPERIENCE

Protein–Peptide Docking Complex Prediction Research Mar 2023 – Feb 2024

Undergraduate Research Assistant (*Bioinformatics Lab, Hongik University*)

- Studied a GNN-based model for decoy evaluation to predict residue-level interactions and assess docking accuracy.
- Research participant in “Deep Learning–Based Ultra-Fast Virtual Peptide Screening” funded by National Research Foundation of Korea (NRF)

Knowledge Graph Question Answering (KGQA) project Mar 2024 – Feb 2025

(*collab with Samsung Research*)

- Developed a novel subgraph retrieval approach with dynamic keyphrase alignment and attribute value consideration

WORK EXPERIENCE

NAVER Corporation Internship Dec 2025 – Jan 2026

Place AI Local Domain Classification Development

- Designed and implemented a CLI tool for test data versioning and archiving
- Built IR (Information Retrieval) test datasets using rerankers and LLM-as-a-Judge evaluation
- Designed and developed a Local-domain Query Detection pipeline, including data construction, query taxonomy definition, and LLM-based labeling; trained and evaluated encoder models achieving 93.5% accuracy and 260 QPS, and conducted supervised fine-tuning experiments on SLMs.

ADDITIONAL EXPERIENCE

Technical University of Berlin Online Winter University Jan 2022

Data Science with Python course of statistics and programming (6 ECTS)

Hongik Tidings, Hongik University English Magazine Sep 2020 - Aug 2023

Student Reporter & Editor-in-Chief

- Wrote 29 English articles across 10 magazine issues over three years as a student journalist.
- Led the editorial team as Editor-in-Chief, managing publication schedules and coordinating writers, designers, and faculty.

Teaching Assistant and Grader, Hongik & Yonsei University

Courses: Data Structures and Programming (C++), Computer Networks, Internet Programming

- Assisted in lab sessions and answered student queries on assignments and C++ programming exercises.
- Graded coursework and supported instruction in the core computer science subjects.

BiTAmin Big Data Academic Club

Aug 2022 - Aug 2023

- Participated as an executive member of BiTAmin, , a Seoul-based intercollegiate academic club.
- Organized study sessions and internal events focused on Python-based data analysis and machine learning.

SKILLS

Languages: Python, SQL, C++, Node.JS, Linux (Terminal)

Language Proficiency

English: TOEIC 990, OPIC AL, TOEFL 110