MinJi Kim

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github.com/louieunnie | minji-portfolio-mlsk.vercel.app

EDUCATION

Yonsei University, Seoul, Korea   Mar 2024 – Present
Masters Candidate in Artificial Intelligence (GPA: 4.24 / 4.3)
- Research: Grounded Multimodal NER, Knowledge Graph Question Answering

Hongik University, Seoul, Korea   Mar 2019 – Feb 2024
Bachelor of Engineering in Computer Engineering (GPA: 3.97 / 4.5)

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

Excellence Award, Graduation Exhibition — Hongik University   Nov 2023

EXPERIENCE

Place AI Domain Detection for Query — Research Intern   Dec 2025 – Jan 2026
NAVER Corporation
- Built a local-domain query detection pipeline using LLM-based labeling and taxonomy design; trained encoder models achieving 93.5% accuracy at 260 QPS.
- Constructed IR evaluation datasets and implemented test data versioning tools for large-scale experiments.

Knowledge Graph Question Answering (KGQA) — Research Project   Mar 2024 – Feb 2025
Collaboration with Samsung Research
- Proposed a subgraph retrieval method with dynamic keyphrase alignment and attribute-aware matching.

Protein–Peptide Docking Prediction — Undergraduate Research Assistant   Mar 2023 – Feb 2024
Bioinformatics Lab, Hongik University
- Studied GNN-based decoy evaluation models for residue-level interaction prediction in docking complexes.

ACADEMIC & LEADERSHIP EXPERIENCE

Winter University (Online), *Technische Universität Berlin*   Jan 2022
- Data Science with Python (Statistics & Programming, 6 ECTS)

Student Reporter & Editor-in-Chief, *Hongik Tidings*   2020 – 2023
- Wrote 29 English articles; served as Editor-in-Chief, overseeing editorial operations and coordination.

Teaching Assistant & Grader, *Hongik & Yonsei University*
- Data Structures (C++), Computer Networks, Internet Programming

BiTAmin — Executive Member   2022 – 2023
- Intercollegiate academic club focused on data analysis and machine learning.

SKILLS

Languages: Python, SQL, C++, Node.JS, Linux
ML/NLP: PyTorch, Transformers, Information Retrieval, Vision-Language Models, Knowledge Graphs

LANGUAGES

English: TOEIC 990, OPIC AL, TOEFL 110