

JUYEON (JOELLE) KIM

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RESEARCH INTEREST

- **Information Retrieval:** Multimodal Retrieval, Structured Retrieval, Agentic Search
- **Multimodal Learning:** Vision-Language Models(VLMs), Omni-modal Models

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)

M.S. in Artificial Intelligence (GPA: 3.83/4.3, Advisor: Prof. Kijung Shin)

Seoul, Korea

Sep. 2024 – Aug. 2026

Yonsei University

B.S. in Applied Statistics & Computer Science (GPA: 3.94/4.3)

Seoul, Korea

Mar. 2020 – Aug. 2024

University of California, Los Angeles (UCLA)

UCEAP Exchange Student, Computer Science

Los Angeles, CA, USA

Jan. 2023 – Jun. 2023

PUBLICATIONS

- [7] **Hybrid-Vector Retrieval for Visually Rich Documents: Combining Single-Vector Efficiency and Multi-Vector Accuracy**
Juyeon Kim, Geon Lee, Dongwon Choi, Taeuk Kim, Kijung Shin
ACL 2026 (Findings)
- [6] **Advertisement Ranking under Data Scarcity via Context-Aware Criteria Generation with VLMs**
Kyungho Kim*, Yeonje Choi*, Gyurim Hwang, Sejin Chung, Hongseok Lee, Myeong Ho Song, Yeongho Kim, Sunwoo Kim, Jongha Lee, Juyeon Kim, Kijung Shin
ACL 2026 (Industry) (**Oral Presentation**) & **ICLR 2026** (Data-FM Workshop)
- [5] **ReFuGe: Feature Generation for Prediction Tasks on Relational Databases with LLM Agents**
Kyungho Kim, Geon Lee, Juyeon Kim, Dongwon Choi, Shinhwan Kang, Kijung Shin
WWW 2026 (Short)
- [4] **RDB2G-Bench: A Comprehensive Benchmark for Automatic Graph Modeling of Relational Databases**
Dongwon Choi, Sunwoo Kim, Juyeon Kim, Kyungho Kim, Geon Lee, Shinhwan Kang, Myunghwan Kim, Kijung Shin
NeurIPS 2025 (Datasets & Benchmarks)
- [3] **KGMEL: Knowledge Graph-Enhanced Multimodal Entity Linking**
Juyeon Kim, Geon Lee, Taeuk Kim, Kijung Shin
SIGIR 2025 (Short)
- [2] **Text2Chart31: Instruction Tuning for Chart Generation with Automatic Feedback**
Fatemeh Pesaran zadeh, Juyeon Kim, Jin-Hwa Kim, Gunhee Kim
EMNLP 2024 (**Oral Presentation**)
- [1] **Re-Ex: Revising after Explanation Reduces the Factual Errors in LLM Responses**
Juyeon Kim, Jeongeun Lee*, Yoonho Chang*, Chanyeol Choi, Junseong Kim, Jy-yong Sohn
ICLR 2024 (R2-FM Workshop)

EXPERIENCE

LG AI Research

Research Intern @ Superintelligence Lab

Seoul, Korea

Mar. 2026 – Jul. 2026

LinqAlpha

Research Intern (Advisor: Prof. Jy-yong Sohn)

Cambridge, MA, USA

Sep. 2023 – Feb. 2024

Vision & Learning Lab @ SNU

Research Intern (Advisor: Prof. Gunhee Kim)

Seoul, Korea

Dec. 2023 – Jun. 2024

Data Mining Lab @ KAIST AI

Research Intern (Advisor: Prof. Kijung Shin)

Seoul, Korea

Jul. 2023 – Nov. 2023

Machine Learning Lab @ Yonsei Univ. <i>Research Intern (Advisor: Prof. Kibok Lee)</i>	Seoul, Korea Sep. 2022 – Dec. 2022
LG H&H <i>Data Scientist Intern</i>	Seoul, Korea Jul. 2022 – Aug. 2022
GenON <i>DX Strategy Research Assistant</i>	Seoul, Korea May 2022 – Jun. 2022

EXTRACURRICULAR ACTIVITIES

GDGoC (Google Developer Groups on Campus) <i>AI Part Leader (Core Member)</i>	Seoul, Korea Aug. 2023 – Jun. 2024
YAI (Yonsei Artificial Intelligence) <i>Research Member, Industry–Academia Officer</i>	Seoul, Korea Jul. 2021 – Jan. 2024

PROJECTS

• Fluentify: Language Rehabilitation App (<i>Google Solution Challenge</i>)	Dec. 2023 – Feb. 2024
• Resume-based AI Interview Chatbot	Sep. 2023 – Dec. 2023
• YAIVerse: Few-shot Real-time Face Toonify App (YAICON)	Oct. 2022 – Nov. 2022
• Financial Advisory Service Web	Sep. 2022 – Oct. 2022
• E2E OCR Model (<i>Industry–Academia Project with Lomin</i>)	Jan. 2022 – Mar. 2022

AWARDS AND SCHOLARSHIPS

• Google Solution Challenge Global Top 100 Finalist	Apr. 2024
• Mirae Asset Park Hyeon Joo Foundation Foreign Exchange Scholarship	Jan. 2023

SKILLS

• Technical Skills: Proficient in Python, C/C++, Git, JavaScript, CSS, R, Matlab; Advanced in MySQL, Figma	
• Languages: Korean (Native), English (Fluent)	