Sang-Jun Ji

Bachelor Student, Konkuk University

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Research Interests

- Graph ML/DL
- (Hyper)Graph Representation Learning
- Synergizing LLMs and Graphs

Education & Experience

Graph & Language Intelligence Lab, Konkuk University *Jul. 2024 - Present*
Undergraduate Research Intern

Konkuk University, Seoul, Republic of Korea *Mar. 2020 - Present*
B.S. in Computer Science and Engineering, GPA: 4.33 / 4.5, Major GPA: 4.47 / 4.5
Expected graduation: Feb. 2027

Team Lett, Pangyo, Seongnam, Republic of Korea *Oct. 2023 - Jul. 2024*
Own Business, Co-Founder at Lett, challenging tech entrepreneurship across apps and web services

Publications

[1] **Sang-Jun Ji**, Sang-June Kim, Bonyou Koo, Young-Ho Lee, Xiongnan Jin, and Byungkook Oh, "**Disentangled Global-Local Representations via Relation-Entity Pair Encoding for Hyper-Relational KGs.**" In WWW 2026 (The Web Conference) *(Under Review)*

Patents

[1] **Sang-Jun Ji** and Byungkook Oh, "**Method and Apparatus for Link Prediction of Hyper-Relational Facts on Hyper-Relational Knowledge Graphs.**", KR Patent, filed December 12, 2025

Awards

카카오x한국정보과학회 AI Agent 경진대회 *Dec. 2025*
Award of Excellence (우수상)

Projects

Multi-Agentic Graph RAG for Fair Meet-up Location Recommendation and Schedule Coordination *GLI Lab.*
공평한 만남을 위한 약속 장소 추천 및 일정 조율 Multi-Agentic GraphRAG *Oct. 2025 - Dec. 2025*
- Multi-Agentic GraphRAG 기반 약속 장소 추천 · 일정 조율 workflow 설계 · 구현
- Shared Memory graph DB로 user 선호/이력/문맥을 관리해 개인화된 추천 · 조율 지원
- 이동 시간 기반 공평성 및 예산/선호를 반영하고, PlayMCP로 톡캘린더 일정 생성까지 end-to-end 연동

GraphRAG with User-Item Interactions for Recommendation *Konkuk Univ.*
사용자–아이템 상호작용 기반 GraphRAG 추천 *July. 2024 - Aug. 2024*
- tutorial framework 구현 및 대체 dataset 지원을 위한 확장 개발

Pzzk: A Clean, Serverless iOS Calendar *Lett.*
Pzzk: 깔끔한 iOS 캘린더 앱 *Jan. 2024 - Feb. 2024*
- "the simplest calendar in the world" 콘셉트의 iOS 캘린더 앱 PzzK 개발 및 공식 출시
- server 없이 iCloud 동기화 기능 구현 (serverless iCloud sync)

Licenses & Certifications

- Craftsman Fork Lift Truck Operator (지게차운전기능사), HRD Korea (Q-Net)   *Dec. 2022*