Hyunbin Jin

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RESEARCH INTERESTS

LLM Reasoning, LLM Safety, Computational Social Science

My research interests lie in LLM reasoning and safety, focusing on developing methods that enhance the capability and trustworthiness of LLMs for real-world deployment. I am also interested in leveraging LLMs to address interdisciplinary challenges at the intersection of AI and the social sciences.

EDUCATION

Seoul National University   **Sep. 2023 ~ present**
M.S. in Data Science (Advisor: Prof. Taesup Kim)   Seoul, South Korea

New York University   **Sep. 2021 ~ Dec. 2021**
Exchange Student, College of Arts and Science   New York, United States

Yonsei University   **Mar. 2018 ~ Feb. 2023**
B.A. in Political Science and Diplomacy   Seoul, South Korea

PUBLICATIONS (* : EQUAL CONTRIBUTION)

Conference

1. **"Well, Keep Thinking": Enhancing LLM Reasoning with Adaptive Injection Decoding**
   Hyunbin Jin*, Je Won Yeom*, Seunghyun Bae*, Taesup Kim
   ACL 2025 Findings

2. **ATAS: Any-to-Any Self-Distillation for Enhanced Open-Vocabulary Dense Prediction**
   Juan Yeo*, Soonwoo Cha*, Jiwoo Song*, Hyunbin Jin, Taesup Kim
   ICCV 2025

3. **What If TSF: A Benchmark for Reframing Forecasting as Scenario-Guided Multimodal Forecasting**
   Jinkwan Jang*, Hyunbin Jin*, Hyungjin Park, Kyubyung Chae, Taesup Kim
   Under review at ACL 2026

4. **Beyond Case Law: Evaluating Structure-Aware Retrieval and Safety in Statute-Centric Legal QA**
   Kyubyung Chae*, Je Won Yeom*, Jeongjae Park, Seunghyun Bae, Ijun Jang, Hyunbin Jin, Jinkwan Jang, Taesup Kim
   Under review at ACL 2026

Preprint

1. **From Threat to Tool: Leveraging Refusal-Aware Injection Attacks for Safety Alignment**
   Kyubyung Chae*, Hyunbin Jin*, Taesup Kim
   arXiv preprint

Contribution

1. **HyperCLOVA X 8B Omni**
   NAVER Cloud HyperCLOVA X Team - Contributor
   Technical Report, 2026

WORK EXPERIENCE

AI Research Engineer, NAVER Cloud   **Oct. 2025 ~ present**
- Conducting research on LLM reasoning and safety as part of the Alignment Team for the Independent AI Foundation Model project, a national initiative led by government-affiliated agencies in South Korea.

NLP Research Engineer, Twigfarm   **Oct. 2022 ~ Feb. 2023**
- Developed an image-guided machine translation (IMT) pipeline for Korean–Japanese webtoon translation and constructed a parallel dataset for video-guided machine translation (VMT).

Data Analyst Intern, UpennSolution   **Feb. 2021 ~ Jul. 2021**
- Conducted quantitative analysis on real-world data to extract insights into social phenomena.

RESEARCH PROJECTS

Clinical Information Extraction   **Aug. 2025 ~ present**
Research Collaboration with Seoul National University Bundang Hospital
- Constructed an LLM-based pipeline that extracts and structures key clinical information from epilepsy patient notes, ensuring robustness to heterogeneous physician documentation styles.

Legal RAG System   **Mar. 2025 ~ Aug. 2025**
Research Collaboration with Naedam C&C
- Constructed a legal retrieval corpus and an evaluation QA dataset for Korean fire safety law, and developed a domain-specific RAG system validated on this benchmark.

Face Blur Estimation   **Jul. 2022 ~ Sep. 2022**
Research Collaboration with Alchera
- Developed and evaluated a regression model estimating blur levels in facial images to filter motion-blurred inputs for reliable face recognition.

PATENTS

Method and Apparatus for Adaptive Injection Decoding to Prevent Incomplete Reasoning in Large Language Models
Patent No. 10-2025-0165083, South Korea (Patent Pending)

AWARDS AND HONORS

Fellowships/Scholarships

Support for Next-Generation Researchers Program – Ministry of Education, South Korea	2024 ~ 2025
Merit-based Scholarship – Seoul National University	2024
Jilli Scholarship (Merit-based Scholarship) – Yonsei University	2018, 2020

Awards

Honors (Top 10% in the College of Social Science) – Yonsei University	2018, 2020