

I Ro Lim

MA Student

Center for Digital Humanities at the Academy of Korean Studies
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EDUCATION

Feb. 2013 ~ Feb. 2019	Hongik University Advertising, Public Relations & Branding <i>Bachelor of Business Administration</i> GPA: 3.6 / 4.5	Seoul, Korea
Feb. 2013 ~ Feb. 2019	Hongik University Art & Technology Studies <i>Advisor: Seo Dong Soo</i> <i>Bachelor of Fine Arts</i> GPA: 3.6 / 4.5	Seoul, Korea
Feb. 2024 ~ Present	The Graduate School of Korean Studies Department of Cultural Informatics <i>Master Student</i> GPA: 4.2 / 4.3	Seongnam, Korea

RESEARCH INTERESTS

- HCI
- Artificial intelligence
- Art
- Media aesthetics
- Digital humanities

PUBLICATIONS (SCIE/ESCI)

1. LIM, IRO. "Co-Reading with AI: Color Visualization of Emotion Data in Korean Modern Poetry." Master's thesis, The Graduate School of Korean Studies, The Academy of Korean Studies, 2026.
2. Lim, I., Ji, H., Kim, B., " KPoEM: A human-annotated dataset for emotion classification and RAG-based poetry generation in Korean modern poetry.", *THE REVIEW OF KOREAN STUDIES*, (2026)
3. Lim, I., Ji, H., Kim, B., "Decoding the Poetic Language of Emotion in Korean Modern Poetry: Insights from a Human-Labeled Dataset and AI Modeling", *ARXIV PREPRINT*, (2025)

CONFERENCES

1. IRO LIM, Byungjun Kim, "DH2026 Conference", Alliance of Digital Humanities Organizations (ADHO), Daejeon, Korea (Jul. 2026) - Oral
2. Song-yi Jung, IRO LIM, Baro Kim, "DH2026 Conference", Alliance of Digital Humanities Organizations (ADHO), Daejeon, Korea (Jul. 2026) - Oral
3. Lim, I., Kim, B., "HKADH 2026 Conference", Hong Kong Association for Digital Humanities, Sha Tin, Hong kong (Jan. 2026) - Poster
4. Lim, I., "The Chung-Ang University Center for Cinema and Media Studies Graduate Student Conference", The Chung-Ang University Center for Cinema and Media Studies, Seoul, Korea (Dec. 2025) - Oral
5. IRO Lim, Haein Ji, Byungjun Kim, "The 180th Bangyo Language and Literature Society Conference", The Society Of Bangyo Language And Literature, Seoul, Korea (Sep. 2025) - Oral
6. IRO Lim, Haein Ji, Byungjun Kim, "2025 Upenn Digital Korea Conference", James Joo-Jin Kim Center for Korean Studies at the University of Pennsylvania, Pennsylvania, United States (Apr. 2025) - Oral
7. IRO Lim, Haein Ji, Byungjun Kim, "The 2nd Conference of Modern Korean Literary Scholars", The Kubo Society, The Sangheo Society, The Korean Dramatic Arts Society, The Korean Modern Literature Association, and The Korean Women's Literature Association, Seoul, Korea (Feb. 2024) - Poster

RESEARCH EXPERIENCES

- Research Student at Center for Digital Humanities, the Academy of Korean Studies, Korea (Mar. 2024 ~ Aug. 2026)
- Research Student at Korean Literature, Ulsan National Institute of Science and Technology, Korea (Mar. 2025 ~ Jun. 2025) / Dataset annotator

AWARDS AND HONORS

- 2025 Research Scholarship for Master's Studies, Ministry of Education of the Republic of Korea and the National Research Foundation of Korea, Korea (Aug. 2025 ~ Aug. 2026)
- Recipient of Research Scholarship, Graduate School of Korean Studies, Academy of Korean Studies, the Academy of Korean Studies, Korea (Mar. 2025 ~ Sep. 2025)
- Recipient of Full Tuition Waiver Scholarship, Graduate School of Korean Studies, Academy of Korean S, the Academy of Korean Studies, Korea (Mar. 2024 ~ Sep. 2024)
- Recipient of the Silver Prize in the Humanities Column Category at the 5th Cosmian Award, Cosmian News, Korea (Oct. 2023)

RESEARCH PROJECTS

- AI 스마트 도슨트 구현을 위한 다국어·다층적 문화유산 안내문 생성 플랫폼 구축 연구: 조선시대 불교회화를 중심으로 (A Study on Building a Platform for Generating Multilingual and Multi-layered Cultural Heritage Descriptions for AI Smart Docents: Focusing on Joseon Dynasty Buddhist Paintings), the Academy of Korean Studies, Korea (Sep. 2025 ~ Dec. 2025)
- 고급 자연어 처리 및 대규모 언어 모델 기반 디지털 한국학 연구 및 교육 방법론 개발(Development of Advanced Natural Language Processing and Large Language Model-Based Digital Korean Studies and Education Methodology), the Academy of Korean Studies, Korea (Mar. 2025 ~ Aug. 2025)
- 正祖命撰《人物考》온톨로지 설계 및 LOD 시스템 구축(Ontology Design and LOD (Linked Open Data) System Construction for Inmulgo, Commissioned by King Jeongjo), Center for Digital

Humanities at the Academy of Korean Studies, Korea (Sep. 2024 ~ Feb. 2025)

- 충청국학디지털아카이브 지식관계망 데이터 구축(Development of a Knowledge Network Dataset for the Chungcheong National Studies Digital Archive), Institute of Korean Confucian Culture(IKCC), Korea (Jul. 2024 ~ Sep. 2024)
- 고문헌 데이터 설계를 위한 선행 모델 분석 및 교육 콘텐츠 구축(Analysis of Existing Models for Historical Document Data Design and Educational Content Development), Center for Digital Humanities at the Academy of Korean Studies, Korea (Mar. 2024 ~ Aug. 2024)

SKILLS AND TECHNIQUES

- Programming: Python, R, JavaScript, C++
- AI and Data Analysis: PyTorch, TensorFlow, Pandas, NumPy, RAG, LangChain, Prompt Engineering
- Humanities Data: XML/TEI, RDF, Protégé, Linked Open Data, MSSQL, MySQL, Labeled Data
- Design and Media: Figma, Adobe Creative Suite, Blender, Cinema 4D, Exhibition Design

REFERENCE

- Name : Dr. Kim Byungjun
Title : Professor of Cultural Informatics
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Email : bjkim@byungjunkim.com
Relationship : Academic Advisor and Thesis Supervisor
- Name : Dr. Kim Ba-ro
Title : Professor of Cultural Informatics
Institution : The Academy of Korean Studies
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Relationship : Academic Advisor