

JANE SHIN

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KAIST Seoul Campus, 85 Hoegi-ro, Dongdaemun-gu, Republic of Korea

EDUCATION

KAIST College of Business , Seoul, South Korea	
Master of Science in Management Engineering	Feb. 2024-Feb. 2026 (Expected)
Advisor: <i>Professor Wonseok Oh</i>	
Carnegie Mellon University, AI Intensive Program , Pittsburgh, United States	
Visiting Scholar	Jan. 2025-Jul. 2025
School of Computer Science	
Korea University , Seoul, South Korea	
Bachelor of Business Administration	Mar. 2019-Aug. 2023
Interdisciplinary Major in Brain and Cognitive Science	
(GPA: 4.24/4.5)	

RESEARCH INTERESTS

Economics of IT, Privacy, Responsible AI, Platform Regulation
Econometrics, Causal Inference, Machine Learning, Multimodal Analysis

RESEARCH EXPERIENCE

Multimodal Perspective on Engagement and Deception in Digital Native Advertising , KAIST	
<i>Advised by Professor Wonseok Oh</i>	June 2024-Present
<ul style="list-style-type: none">Explored how native ad-article resemblance affects consumer deception applying regression models.Quantified text and image resemblance by calculating cosine similarity of VGG and BERT embeddings.	
Long Term Economics of Privacy Regulation , CMU Heinz	
<i>Advised by Professor Alessandro Acquisti</i>	Apr. 2025-Present
<ul style="list-style-type: none">Constructed a longitudinal U.S. dataset (2004-2020) on state privacy laws and health information exchanges.Conducted fixed-effects panel regressions comparing the short- and long-term impacts of privacy regulation on HIE formation.	
Regulating AI Generated Content: When do Restrictions Spark or Stifle Reddit Communities , KAIST	
<i>Advised by Professor Wonseok Oh, Professor Donghyuk Shin</i>	Jul. 2025-Present
<ul style="list-style-type: none">Investigated the impact of AIGC regulation rules on user engagement and content diversity.Quantified text and image content diversity metrics using BLIP embeddings.Identified causal impact of regulation applying staggered Difference-in-Difference design.	

CONFERENCE PRESENTATIONS

Regulating AIGC: When do Restrictions Spark or Stifle Community Dynamics?	
• Workshop on Information Systems and Economics (WISE), United States (Scheduled)	Dec. 2025
• The Korea Society of Management Information Systems (KMIS), South Korea (Best Paper Award)	Nov. 2025
Economics of Deception and Privacy in Native Online Advertising	
• Workshop on Information Systems and Economics (WISE), Thailand	Dec. 2024

HONORS AND AWARDS

- The Korea Society of Management Information Systems (KMIS), Best Paper Award Nov.2025
- Academic Excellence Award, Dean's List (Top 10%), KAIST Mar.2025
- KU Academic Special Scholarship, Korea University Mar.2023
- KUBS Scholarship (SK Social Value), Korea University Sep.2020

WORK AND TEACHING EXPERIENCE

KAIST Finance MBA Financial Big Data Course, Seoul, South Korea

Teaching Assistant

Summer 2024

- Assisted students with hands-on financial data analysis using python.

Lunit, Inc., Seoul, South Korea

Strategy Intern

Aug. 2021-Feb.2022

- Developed strategies to enter the B2C medical imaging market for breast cancer patients.
- Managed data privacy compliance and regulatory sandbox approaches.

Ewha Womans University Brain Institute, Seoul, South Korea

Research Intern

Feb. 2021

- Assisted in organizing data from 1,000 research participants through cognitive experiments.
- Conducted practical demonstrations of biosignal collection techniques, including EEG, eye-tracking and CT.

EXTRA CURRICULAR ACTIVITIES

Digital Twin for a Freight Forwarding Warehouse Facility Capstone, Carnegie Mellon University

Frontend Developer / Data Analyst

Jan.2025-Jul.2025

- Developed a React-based frontend interface for the Smart Warehouse Management System, integrating AWS backend services via secure API key authentication.
- Analyzed warehouse workflow data to optimize processing time, space utilization, and inventory management.

CaseIT MIS Case Competition, Simon Fraser University

Team Leader

Feb. 2023

- Participated as a school representative and advanced to the semifinals, presenting a gaming market entry strategy for 1Qbit's 3D diffusion model.
- Delivered the presentation to a panel of Microsoft executives and Vancouver city council members.

Information Technology Society, Korea University

Vice President

Mar.2021-June.2022

- Led a student organization focused on information technology.
- Organized a peer-teaching curriculum covering AI, IoT, Blockchain, and Cloud computing.

SELECTED COURSEWORK

Korea University: Principles of Economics I/II, Algorithms, Engineering Mathematics

KAIST: Econometrics, Statistical Analysis Methods, Research Methods in Behavioral Science

Carnegie Mellon University: Large Scale Media Analysis, Application of Artificial Intelligence

SKILLSETS AND OTHERS

Technical Skills: Python (scikit-learn, PyTorch, TensorFlow), Stata, R, SQL, React

Languages: English (Fluent), Korean (Native), Chinese (Intermediate; HSK 6)

Hobbies: Hiking, Cooking, Exploring museums