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

Management Engineering Master's Candidate (Expected Graduation: Feb. 2026).   Feb. 2024-Present
Advisor: *Professor Wonseok Oh*

Carnegie Mellon University, AI Intensive Program, Pittsburgh, United States
Visiting Scholar   Jan. 2025-Jul. 2025
School of Computer Science, Software and Societal Systems Department (S3D)

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, AI Governance, Privacy, Platform Moderation
Econometrics, Causal Inference, Machine Learning, Multimodal Analysis

RESEARCH EXPERIENCE

Multimodal Perspective on Engagement and Deception in Digital Native Advertising, KAIST
Supervised by Professor Wonseok Oh   June 2024-Present
- Explored how native ad-article resemblance affects consumer deception applying regression models.
- Quantified text and image resemblance via cosine similarity of VGG and BERT embeddings.

Long term Economics of Privacy Regulation, CMU Heinz
Supervised by Professor Alessandro Acquisti   Apr. 2025-Present
- Constructed a US state-level dataset on privacy policies and healthcare information exchange.
- Conducted regression analysis comparing the short- and long-term impacts of privacy regulations on formation of healthcare information exchange.

Regulating AI Generated Content: When do Restrictions Spark or Stifle Reddit Communities, KAIST
Supervised by Professor Wonseok Oh, Donghyuk Shin   Jul. 2025-Present
- 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 EXPERIENCES

KAIST Finance MBA Financial Big Data Course
Teaching Assistant   Summer 2024
- Assisted students with hands-on financial data analysis using python.

Lunit, Inc., Seoul, South Korea
Strategy Intern   Sep. 2021-Feb.2022
- Developed strategies to enter the B2C medical imaging market for breast cancer patients, focusing on data privacy compliance and regulatory sandbox strategies.

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 bio signal collection techniques, including CT, MRI, and EEG.

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 integrating AWS backend services via secure API key authentication for the Smart Warehouse Management System.
- 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   Mar.2021 – June. 2022
Vice President
- Led a student organization focused information technology and 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, Panel Data Econometrics, 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