

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

Advisor: *Professor Wonseok Oh*

Feb. 2024-Feb. 2026 (Expected)

Carnegie Mellon University, AI Intensive Program, Pittsburgh, United States

Visiting Scholar

School of Computer Science

Jan. 2025-Jul. 2025

Korea University, Seoul, South Korea

Bachelor of Business Administration

Interdisciplinary Major in Brain and Cognitive Science

(GPA: 4.24/4.5)

Mar. 2019-Aug. 2023

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

Advised by Professor Wonseok Oh

June 2024-Present

- 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

Advised by Professor Alessandro Acquisti

Apr. 2025-Present

- 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

Advised by Professor Wonseok Oh, Professor 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

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| • 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