

# DOYEON KIM

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📍 Seoul, Republic of Korea

## EDUCATION

### Seoul National University, Korea

Mar 2024 - Feb 2027

Master in Business Administration (Concentration in Finance)

Advisor: Professor Jongsub Lee (4.1/4.3)

### Ewha Womans University, Korea

Mar 2018 - Aug 2023

Bachelor in Computer Science and Engineering

Magna Cum Laude (3.87/4.3)

## RESEARCH INTERESTS

Corporate Finance and Governance, Machine Learning, Cryptocurrency, Inequality

## RESEARCH EXPERIENCE

### Stablecoins as an Arbitrage Channel

Feb 2026

Master's Thesis

– Studies limits to arbitrage in cross-border crypto markets (market segmentation, capital controls, and government/regulatory risk).

### Learning Production Process Heterogeneity: Implications of Deep Learning for Corporate M&A Decisions (Lee and Yun, 2024)

July 2025 - Present

Research Assistant

– Developed weight-relationship visualizations to diagnose shared representations and identify pruning candidates.

### DAO Governance (Jongsub Lee, Jungsuk Han, Tao Li, 2023)

July 2024 - Present

Research Assistant

– Analyzed voting behavior and proposal outcomes in decentralized autonomous organizations (DAOs).

### AXI for Korean Bond Market Data

Mar 2024 - Present

Research Assistant

– Constructed an alternative index for the Korean bond market using primary issuance and secondary trading data.

### National Pension Fund Activism: Proxy Voting and Investment Strategies (Joh, Kim and Choi, 2025)

Jul. 2024 - Jan. 2025

Main Researcher

– The National Pension Service's (NPS) active voting at shareholder meetings correlates with its investment strategy.

– Firms facing NPS opposition see reduced portfolio weight, especially those with lower ESG ratings.

## RELEVANT COURSES

\* Master/Ph.d Courses

### Economics and Finance

Advanced Microeconomics 1\*

A (26-1)

Studies in Investments\*

A

Studies in Econometrics\*

A (26-2)

Studies in Derivatives\*

A+

Applied Microeconomics\*

A

Studies in Corporate Finance\*

A-

Studies in Financial Machine Learning\*

A

Studies in Portfolio Management\*

A+

Methodology of Financial Research\*

A+

Data Analytics for Social Sciences and Business\*

A+

Macroeconomics

A(26-S)

Seminars in Investments\*

A+ (26-2)

## Computer Science and Mathematics

Computer Network	A+	Calculus	A
Machine Learning	A	Linear Algebra 1	A
Programming Language	A+	Discrete Mathematics	A
Big Data Application	A	Differential Equations	A+ (26-1)
Algorithms	B+	Numerical Analysis	A+
Computer Architecture	A	Causal Inference in Social Science*	A+ (26-2)
Topics in Information Studies: Trends in Deep Generative Models* A(26-1)			

## TEACHING ASSISTANT

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### Seoul National University \* Eng Only Courses

Financial Management (24-2, 25-1, 26-1), Financial Derivatives (CBA; 25-2, MBA; 24-W\*, 26-S), Financial Derivatives and Risk Management (EMBA; 25-2) Fixed Income Securities (EMBA; 25-2)

## PROJECTS

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### Real-Time Scrapping: Korea Bond Market Data

- Issuance data in Primary Market and Real-Time Trading data in Secondary Market *Mar 2024 - Present*
- Data Source: Korea Financial Investment Association

## SKILLS

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- **Statistics:** Python, STATA, SAS
- **Machine Learning:** Pytorch, TensorFlow, OpenCV
- **Database Management:** Neo4j, DuckDB, PostgreSQL, Redis

## OTHER EXPERIENCE

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### Junior Ombuspersion in Seoul National University

*Apr. 2025 - Dec. 2025*

*Researcher, hosted by Human Rights Center*

- Web Accessibility of University Administration Site

### Agriculture Technology Lab. in Sejong University

*Jul. 2022 - Jun. 2023*

*Researcher, advised by Professor Hyunkwon Suh*

- Computer Vision and Time Series Machine Learning for Greenhouse Automation
- Reinforcement Learning for Simulator of Agricultural Processes

### NEXTLab

*Mar. 2022 - Jun. 2022*

*Intern, Department of Intelligence Automation Service*

- Developed Wanted Vehicle License Plate Detection System Using LRPNet
- Implemented Automated Data Transfer to an FTP Server Via Asynchronous Socket Communication

### Human Computer Interaction Lab. in Ewha Womans University

*Dec. 2020 - Feb. 2021*

*Intern, advised by Professor Uran Oh*

- iOS App Development for Blinded Students