

DOYEON KIM

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📍 Seoul, Republic of Korea

EDUCATION

Seoul National University, Korea Master in Business Administration (Concentration in Finance) <i>Advisor: Professor Jongsub Lee</i>	<i>Mar 2024 - Feb 2027</i>
Ewha Womans University, Korea Bachelor in Computer Science and Engineering <i>Magna Cum Laude</i>	<i>Mar 2018 - Aug 2023</i>

RESEARCH INTERESTS

Corporate Finance, Machine Learning, Cryptocurrency, Inequality

RESEARCH EXPERIENCE

??? <i>Master's Thesis</i> - Web Accessibility Legal Risk Firm Value	<i>Feb 2026</i>
Learning Production Process Heterogeneity: Implications of Deep Learning for Corporate M&A Decisions(Lee and Yun, 2024) <i>Research Assistant</i> - Built Weight-Relationship plots to show shared features and pruning candidates	<i>July 2025 - Present</i>
DAO Governance <i>Research Assistant</i> - Examined Voting Behavior in Decentralized Autonomous Organizations - Processed Proposal data and TVL dataset	<i>July 2024 - Present</i>
AXI for Korean Bond Market Data as a SOFR Substitute <i>Research Assistant</i> - Constructed a Korean bond market alternative index (AXI) from primary issuance and secondary trading data.	<i>Mar 2024 - Present</i>

WORK EXPERIENCE

NEXTLab <i>Intern, Department of Intelligence Automation Service</i> - Developed Wanted Vehicle License Plate Detection System Using LRPNet - Implemented Automated Data Transfer to an FTP Server Via Asynchronous Socket Communication	<i>Mar 2022 - Jun 2022</i>
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HONORS AND AWARDS

Scholarship for International Ph.D <i>???</i> - Issued by	<i>Apr 2026</i>
PetFinder.my - Popularity Contest <i>Bronze Medal (274th/3,537)</i> - Issued by Kaggle - Awarded during Google Machine Learning Bootcamp	<i>Nov 2021</i>

PROJECTS

Python Library for Panel Data Regression

- Utilized `statsmodels` for fixed-effects estimation on multi-entity time-series datasets.

Real-Time Scrapping: Korea Bond Market Data

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

Mar 2024 - Present

SKILLS

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

SELECTED COURSES

Economics		Finance	
- Advanced Microeconomics 1	26-1(B+)	- Studies in Investments	A
- Advanced Microeconomics 2	25-2	- Studies in Corporate Finance	A-
- Studies in Econometrics	25-2	- Studies in Derivatives	A+
- Applied Microeconomics	25-2	- Studies in Financial Machine Learning	A+
Computer Science		Mathematics & Statistics	
- Computer Network	A+	- Calculus	A
- Machine Learning	A	- Linear Algebra 1	A
- Programming Language	A+	- Discrete Mathematics	A
- Big Data Application	A	- Differential Equations	25-W(C+)
- Computer Architecture	A	- Numerical Analysis	A+
- Software Engineering	A	- Mathematical Analysis	25-2
- Algorithms	B+	- Measure Theory and Probability Analysis	26-1
- Opearting System	B+	- Data Analytics for Social Sciences and Business	A+