

WONWOO KIM

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EDUCATION

Erasmus University Rotterdam (EUR)

B.Sc in Economics and Business Economics

Rotterdam, Netherlands

Sep 2024 - Jun 2026 (Expected)

- Cumulative GPA: 9.08/10 (4.0/4.0)
- Dual-Degree programme with Sungkyunkwan University (Advanced start at Year 2)
- Major in Policy Economics and Minor in Computer Science
- Relevant Coursework:
 - Economics: Applied Microeconomics, Health Economics, Political Economy, Public Finance
 - Math: Matrix Algebra, Analysis, Vector Calculus, Probability Theory, Linear Optimization
 - CS: Databases, Data Mining

Sungkyunkwan University (SKKU)

B.A. in Global Economics

Seoul, Republic of Korea

Mar 2021 - Jun 2026 (Expected)

- Cumulative GPA: 4.15/4.5 (3.85/4.0)
- Leave of absence for military service
- Relevant Coursework:
 - Economics: Econometrics, Game Theory, Public Economics
 - Math: Mathematics for Economics, Statistical Analysis for Economics, Calculus I
 - CS: Computational Thinking and Software Coding, Problem Solving and Algorithm

FIELDS OF INTEREST

Public Economics, Labor Economics, Health Economics

I am especially interested in how institutional design and incentive structures channel individual intentions into socially beneficial outcomes. I aim to apply these insights to labor, health, and political settings by using microeconomic theory and empirical methods to study and design institutions that enhance efficiency and welfare.

RESEARCH EXPERIENCE

Dynamic Mechanism for Return Incentives in Asylum Systems

EUR

Bachelor Honours Research Class(Research Assistant) with Prof. Robert Dur

Aug 2025 - Present

- Developing a sequential screening model of return payments for asylum seekers
- Extending time-inconsistency frameworks to analyze how credibility constraints shape migration decisions

Optimal Taxation of E-Cigarette Products

EUR

Research Project with Prof. Hans van Kippersluis

Jun 2025 - Present

- Building a welfare-based model to determine the optimal e-cigarette excise tax for the Netherlands
- Incorporating cross-border arbitrage and estimating Dutch-specific elasticities through spatial variation analysis

Poll Weighting Effects in Intra-Party Primaries on Electoral Strategy and Outcomes

SKKU

Undergraduate Research Program with Prof. Rhee Keeyoung

Feb 2025

- Developed a game-theoretic model for intra-party primaries, analyzing candidate positioning across configurations
- Simulated equilibria to characterize how poll weighting and constraints moderate political extremism

Gender-Specific Cardiovascular Screening Intervention Design

EUR

Course Project with Prof. Hans van Kippersluis

Feb 2025

- Conducted a medical literature review on cardiovascular disease and preventive programs
- Constructed a disease-age-gender panel from CBS data for Zuid-Holland municipalities
- Designed an intervention to address gender-specific attitudes and increase early screening uptake
- Presented findings at a symposium to clinicians, data scientists, and insurance representatives

Effects of Childbirth Incentives by Local Governments on Birth Rate

SKKU

Undergraduate Research Program with Prof. Lee Dongwon

Aug 2024

- Constructed and analyzed a South Korean municipal panel dataset on childbirth incentives and demographic outcomes
- Estimated the causal impact of financial incentives for first- and second-born children on fertility rates

Numerical Investigation for Economic Modeling Using Python

SKKU

Undergraduate Research Program with Prof. Lee Junsang

Jul 2022

- Modeled AD-AS dynamics in Python to analyze output under fiscal and monetary shocks
- Simulated effects on equilibrium stability and inflation-output tradeoffs using dynamic visualization tools

TEACHING EXPERIENCE

Introduction to Econometrics

Teaching Assistant

EUR

Feb 2026 - May 2026

Applied Microeconomics

Teaching Assistant

EUR

Aug 2025 - Nov 2025

- Taught three tutorial groups of approximately 50 students each, delivering a 2-hour session per group each week
- Graded exams, answered student questions, and provided administrative support to the course

SCHOLARSHIPS & FELLOWSHIPS & AWARDS

SKKU-Samsung Scholarship (Full-tuition)

March 2021 - Present

SKKU Dual-Degree Scholarship (Full-tuition)

Aug 2024 - Present

Korean Defense Veterans Association Scholarship

Aug 2025 - Present

Mercatus Center's Don Lavoie Fellowship

Aug 2025 - Dec 2025

SKKU College of Economics Dean's List

Aug 2025

SKKU Student Success - Creative Leader Scholarship

Jun 2022

NH Investment & Securities Big Data Competition (Finalist)

Nov 2022

SKKU Data Science Education Center Director's Award

Jan 2022

*All scholarships and fellowships awarded upon merit

MILITARY EXPERIENCE

ROK-US Combined Forces Command

Squadron Leader & Military Interpreter, Headquarters Section

Camp Humphreys, Republic of Korea

Jan 2023 - Jul 2024

- Served as primary translator with high-security clearance, supporting interpretation to both nations
- Participated in national-level combined military exercises: UFS 22-2, FS 23-1, and UFS 23-2
- Selected Awards
 - Certificate of Merit. Issued by ROK General Ahn (O-10). For Top Interpreting Agent
 - Certificate of Appreciation. Issued by ROK Major General Seo (O-8). For 24 FS Participation
 - Certificate of Achievement. Issued by US Colonel Marcus T. Franzen (O-6). For Contribution to Army Community
 - Letter of Commendation. Issued by ROK Colonel Kim (O-6). For Expert Rifleman

SELECTED PROJECTS

NH Investment & Securities Big Data Competition (with AIFactory)

Team Leader, Finalist

NH Financial Group

Nov 2022

- Analyzed over 1M real customer transaction records, integrating external market indices for advanced feature engineering
- Designed segmentation models and curated personalized investment strategies for customer clusters using Python
- Advanced to final rounds and presented findings on dormant account activation and overseas equity penetration

Created Mock Investment Program

Team Leader

SKKU

Nov 2021

- Curated datasets on Korean firms' financials, stock prices, and trading volumes to streamline analysis and data organization
- Engineered mock investment program and developed investor tendency classifying program using Python
- Awarded Data Science Education Center Director's Award

CONFERENCES AND SEMINARS ATTENDED

Behavior, Organisations, and Markets Seminars

Participation

Tinbergen Institute

Ongoing

Health and Labor Seminars

Participation

Tinbergen Institute

Ongoing

14th Dutch Economists Day

Participation

Royal Dutch Society for Economics

Oct 2025

Estimating Causal Effects with Panel Data (Guido Imbens)

Participation

Tinbergen Institute

Dec 2024

EXTRACURRICULAR ACTIVITIES

Economic Faculty Association Rotterdam (EFR)

Academic Committee Member

EUR

Sep 2025 – Aug 2026

Erasmus Debating Society (EDS)

Member

EUR

Sep 2025 - Present

Becoming Economists (BE)

President

SKKU

Sep 2021 - Dec 2022

- Organized weekly seminars discussing influential papers in microeconomics, macroeconomics, and econometrics
- Launched and organized conferences on double-degree programs, PhD applications, and IMF careers
- Led the club to receive the 2021–2022 Prestigious Study Club Award
- Secured research funding from DB Financial Investment Group and Sungkyunkwan University

54th General Student Council

Deputy Head of Policy Making Division

SKKU

Mar 2022 - Dec 2022

- Coordinated with university leadership to revise tuition policies and academic management systems

ADDITIONAL INFORMATION

English Proficiency: TOEFL 117, TEPS 572 (Grade: 1+ / Percentile: 99.62), GRE (V 159, Q 170, W 5.0)

Skills: Programming(Java, Python, STATA, SQL, \LaTeX), Martial Arts(Taekwondo 2nd Dan)

Languages: Korean(Native), English(Fluent), Chinese(Intermediate)