

# WONWOO KIM

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## EDUCATION

### Erasmus University Rotterdam (EUR)

B.S.c in Economics and Business Economics

- 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

Rotterdam, Netherlands

Sep 2024 - Jun 2026 (Expected)

### Sungkyunkwan University (SKKU)

B.A. in Global Economics

- 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

Seoul, Republic of Korea

Mar 2021 - Jun 2026 (Expected)

## 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

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

EUR

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

Research Project with Prof. Hans van Kippersluis

EUR

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

Undergraduate Research Program with Prof. Rhee Keeyoung

SKKU

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

Course Project with Prof. Hans van Kippersluis

EUR

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

Undergraduate Research Program with Prof. Lee Dongwon

SKKU

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

Undergraduate Research Program with Prof. Lee Junsang

SKKU

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

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<b>Introduction to Econometrics</b>	EUR
<i>Teaching Assistant</i>	<i>Feb 2026 - May 2026</i>
<b>Applied Microeconomics</b>	EUR
<i>Teaching Assistant</i>	<i>Aug 2025 - Nov 2025</i>
<ul style="list-style-type: none"><li>• Taught three tutorial groups of approximately 50 students each, delivering a 2-hour session per group each week</li><li>• Graded exams, answered student questions, and provided administrative support to the course</li></ul>	

## SCHOLARSHIPS & FELLOWSHIPS & AWARDS

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<b>SKKU-Samsung Scholarship (Full-tuition)</b>	<i>March 2021 - Present</i>
<b>SKKU Dual-Degree Scholarship (Full-tuition)</b>	<i>Aug 2024 - Present</i>
<b>Korean Defense Veterans Association Scholarship</b>	<i>Aug 2025 - Present</i>
<b>Mercatus Center's Don Lavoie Fellowship</b>	<i>Aug 2025 - Dec 2025</i>
<b>SKKU College of Economics Dean's List</b>	<i>Aug 2025</i>
<b>SKKU Student Success - Creative Leader Scholarship</b>	<i>Jun 2022</i>
<b>NH Investment &amp; Securities Big Data Competition (Finalist)</b>	<i>Nov 2022</i>
<b>SKKU Data Science Education Center Director's Award</b>	<i>Jan 2022</i>

\*All scholarships and fellowships awarded upon merit

## MILITARY EXPERIENCE

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<b>ROK-US Combined Forces Command</b>	Camp Humphreys, Republic of Korea
<i>Squadron Leader &amp; Military Interpreter, Headquarters Section</i>	<i>Jan 2023 - Jul 2024</i>
<ul style="list-style-type: none"><li>• Served as primary translator with high-security clearance, supporting interpretation to both nations</li><li>• Participated in national-level combined military exercises: UFS 22-2, FS 23-1, and UFS 23-2</li><li>• Selected Awards<ul style="list-style-type: none"><li>- Certificate of Merit. Issued by ROK General Ahn (O-10). For Top Interpreting Agent</li><li>- Certificate of Appreciation. Issued by ROK Major General Seo (O-8). For 24 FS Participation</li><li>- Certificate of Achievement. Issued by US Colonel Marcus T. Franzen (O-6). For Contribution to Army Community</li><li>- Letter of Commendation. Issued by ROK Colonel Kim (O-6). For Expert Rifleman</li></ul></li></ul>	

## SELECTED PROJECTS

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<b>NH Investment &amp; Securities Big Data Competition (with AIFactory)</b>	NH Financial Group
<i>Team Leader, Finalist</i>	<i>Nov 2022</i>
<ul style="list-style-type: none"><li>• Analyzed over 1M real customer transaction records, integrating external market indices for advanced feature engineering</li><li>• Designed segmentation models and curated personalized investment strategies for customer clusters using Python</li><li>• Advanced to final rounds and presented findings on dormant account activation and overseas equity penetration</li></ul>	
<b>Created Mock Investment Program</b>	SKKU
<i>Team Leader</i>	<i>Nov 2021</i>
<ul style="list-style-type: none"><li>• Curated datasets on Korean firms' financials, stock prices, and trading volumes to streamline analysis and data organization</li><li>• Engineered mock investment program and developed investor tendency classifying program using Python</li><li>• Awarded Data Science Education Center Director's Award</li></ul>	

## CONFERENCES AND SEMINARS ATTENDED

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<b>Behavior, Organisations, and Markets Seminars</b>	Tinbergen Institute
<i>Participation</i>	<i>Ongoing</i>
<b>Health and Labor Seminars</b>	Tinbergen Institute
<i>Participation</i>	<i>Ongoing</i>
<b>14th Dutch Economists Day</b>	Royal Dutch Society for Economics
<i>Participation</i>	<i>Oct 2025</i>
<b>Estimating Causal Effects with Panel Data (Guido Imbens)</b>	Tinbergen Institute
<i>Participation</i>	<i>Dec 2024</i>

## EXTRACURRICULAR ACTIVITIES

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### 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

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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, L<sup>A</sup>T<sub>E</sub>X), Martial Arts(Taekwondo 2nd Dan)

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