

Ian Choi

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EDUCATION

Yonsei University

M.A. in Economics (in progress)

- GPA: 4.27 / 4.30

Seoul, Korea

March, 2023 - Present

Underwood International College, Yonsei University

B.A in Economics and Applied Statistics (Double Major)

- Graduated with High Honors

- GPA: 4.15 / 4.30, GPA (Econ & Math & Stat): 4.24 / 4.30

Seoul, Korea

March, 2017 - February, 2023

Yale-NUS College

Exchange Student

- GPA: 4.80 / 5.00

Singapore

January 2022 - May 2022

Leave of Absence: Military Service

Auxiliary Police

Seoul, Korea

September, 2018 - March, 2020

FIELDS OF INTEREST

Environmental Economics, Labor Economics, Empirical Industrial Organization

Demography Economics, Political Economy, Applied Microeconomics

WORKING PAPERS

- [1] **Economic Impacts of the Green Transition: Evidence from Korean Gas Stations**

First author (with Soojin Jo, Jaehyeok Lee, and Myungkyu Shim)

The nationwide mandate requiring EV charger installations in South Korean apartment complexes boosted electric vehicle (EV) demand, which in turn affected the fuel retail market: gas stations responded by lowering gasoline and diesel prices. This generated positive spillover effects for internal combustion engine vehicle owners through reduced fuel costs.

- [2] **Aging Out of Monopsony: Evidence from Korea's Retirement Age Reform**

Sole author

South Korea enacted a major legislative reform that raised the minimum retirement age to 60. The resulting workforce aging weakened firms' monopsony power, suggesting that a policy aimed at sustaining labor supply had significant spillover effects on wage-setting behavior and labor market competition. This outcome appears driven by firms' reduced ability to dismiss older workers and rising labor costs under Korea's seniority-based wage system.

• [3] **The Weakening of Aging–Conservatism: Folk Wisdom Meets Korean Politics**

Co-author (with Jongkwan Lee and Hee-Seung Yang)

In Korea, individuals born in the 1960s were unexpectedly exposed to military dictatorship in their youth, which shaped more liberal political views. This historical experience complicates the conventional belief that aging leads to conservatism. Empirical evidence shows that this link has weakened in recent years, as many from this cohort retain their original liberal views into older age.

WORK IN PROGRESS

• [1] **Cap-and-Profit? Market Consequences of Korea’s Emissions Trading Scheme**

Sole author

Korea’s Emissions Trading Scheme (ETS) was implemented with lenient caps and generous free permit allocations. As a result, ETS-regulated firms, compared to unregulated firms, experienced significant increases in profits and market power, potentially due to windfall gains from selling surplus permits and reductions in marginal costs.

PUBLICATIONS (BOOKS)

• [1] **Chess Puzzle Book 2**, Ichess, 2014 (ISBN: 9788996328940)

Lead author (with Hyeonho Hong, Gihoon Song, and Jiwan Jung)

A collection of practical chess puzzles designed to enhance children’s creativity and reasoning skills, with guided examples to support beginner-friendly learning

PRESENTATIONS (SELECTED)

| | |
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| Graduate Student Workshop in Labor Economics | Seoul, Korea July, 2025 |
| Monash Environmental Economics Workshop | Melbourne, Australia November, 2024 |
| KER International Conference Environment Session | Pyeongchang, Korea June, 2024 |

AWARDS AND HONORS

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| The 38th Mael Business Newspaper Economic Paper Contest Best Paper Award (First Place) | Mael Business Newspaper April, 2024 |
| Professor Hyejeong Soon-Tak Lee Memorial Graduate Student Research Paper Competition Best Paper Award (Co-recipient) | Yonsei University March, 2024 |
| Graduated with High Honors Awarded to the highest 3% | Yonsei University February 2023 |
| Highest Honors Awarded to the highest 1% | Yonsei University Spring 2018 |
| High Honors Awarded to the highest 3% | Yonsei University Fall 2021 |
| Honors Awarded to the highest 10% | Yonsei University Fall 2017, Fall 2020, Spring 2021 |

FELLOWSHIPS AND SCHOLARSHIPS

Brain Korea 21 Four Research Fellowship

National Research Foundation of Korea
March, 2024 - February, 2025

Professor Hyojeong Soon-Tak Lee Memorial Scholarship

Yonsei University
March, 2024

Welfare-Based Scholarship

Yonsei University
March, 2017 - December, 2022

RESEARCH ASSISTANT AND TEACHING EXPERIENCE

RA for Prof. Eleanor Jawon Choi (Hanyang University)

June, 2023 - Present

Assisted Research:

- *Evaluating a Structural Model of Labor Supply and Welfare Participation: Evidence from State Welfare Reform Experiments*
⇒ Assisted in estimating a discrete choice model of labor supply, generating model predictions, and producing tables and figures using Stata
- *The Impact of Hiring Low-Skilled Foreign Workers through the Employment Permit System*
(Also worked as an RA for Prof. Simon Quach (University of Southern California))
⇒ Assisted in cleaning administrative matched employer-employee data in Korea, running regression discontinuity designs, and producing figures and tables using Stata at a registered data center

RA for Prof. Yun Jeong Choi and Prof. Jinook Jeong (Yonsei University)

March - May, 2025

Assisted Research:

- *Consumer Behavioral Changes Following an Increase in the Cash Refund Rate for Mobile Gift Certificates*
⇒ Assisted in cleaning consumer survey data, estimating a multinomial logit model of how varying refund rates affect consumers' choice of refund methods, and producing summary and results tables using Stata

Instructor for Yonsei Economics Department Math Camp

Summer 2025

⇒ Taught Real Analysis, Multivariate Calculus, Linear Algebra, Optimization, Probability, and Statistics to incoming graduate students

TA for Prof. Yun Jeong Choi (Yonsei University)

March, 2023 - Present

- Industrial Organization (2024, 2025)
- Graduate Economics Seminar (Fall 2023)
- Global Economy and Future (Fall 2023)
- Advanced Topics in Economics (Spring 2023)

TA for Prof. Chang-Koo Chi (Yonsei University)

March, 2023 - Present

- Graduate Microeconomics 1 (Spring 2025)
- Mathematics for Economics 1 (2023, 2024, 2025)

TA for Prof. Jaerim Choi (Yonsei University)

Fall 2024

- International Trade Theory (Fall 2024)

OTHER EXPERIENCES

Yonsei Applied Microeconomics Reading Group

Assistant and Participant

Yonsei University

January, 2024 - Present

⇒ Assistant for a faculty-led reading group focused on research using applied microeconomics methods

⇒ Organized regular meetings, assigned presenters, communicated with participants, and maintained group website

Yonsei Microeconomics Reading Group

Participant

Yonsei University

Fall 2022, Summer 2023, Fall 2023

Yonsei Macro-Finance-International Reading Group

Participant

Yonsei University

2022 Fall/Winter, 2023 Fall/Winter

Junior Scholar Club (JSC) Economics Chapter

Executive Staff and Participant

Yonsei University

September, 2021 - June, 2024

⇒ Member of an honor society and literature review group for prospective PhD students in economics

⇒ Served as treasurer in 2023, responsible for maintaining financial records and tracking budget usage

The Korea Academic Society of Industrial Organization

Editorial Assistant of The Korean Journal of Industrial Organization

Seoul, Korea

March, 2023 - February, 2024

⇒ Assisted Editor-in-Chief Prof. Yun Jeong Choi with journal publication tasks, including manuscript review coordination, referee assignment, typo checks, and uploading finalized papers to the journal website

Save the Children Korea

We Saver Volunteer

Seoul, Korea

March, 2017 - Present

⇒ Translate and copy-edit letters exchanged between sponsors and children

Gwanak Police Office

Auxiliary Police

Seoul, Korea

September, 2018 - March, 2020

⇒ Provided labor for policing the protest and guarding the key facilities

Caritas Immigrant Cultural Center

Korean Teacher

Incheon, Korea

March, 2017 - August, 2017

⇒ Helped Immigrants from diverse backgrounds learn basic Korean through English instruction

SKILLS AND LANGUAGES

- **Computer Skills:** Stata, R, \LaTeX , Python, MATLAB
- **Languages:** Korean(Native), English(Fluent)

PERSONAL INFORMATION

- Korea and U.S. dual nationality