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FIELDS OF INTEREST

Theme: Identification of symbiotic relations between socio-psychological factors and economic behaviors,
Interdependence between social infrastructures and economic welfare

Primary: Regional Economics, International Trade, Labor Economics

Secondary: Applied Theory, Media Economics, Causal Inference

EDUCATION

| | |
|---------------------|---|
| Mar 2022 - Present | Yonsei University , Seoul, Republic of Korea <i>M.A. in Economics (in progress)</i> - GPA (Total) : 4.30/4.30 |
| Mar 2015 - Feb 2022 | Yonsei University , Seoul, Republic of Korea <i>B.A. in Economics, Applied Statistics & Communications (Triple Major)</i> - Class Rank : 2/44 - GPA (Total) : 4.25/4.30 - GPA (Econ & Math & Statistics) : 4.24/4.30 |
| Jan 2019 - May 2019 | New York University , NY, United States - <i>Exchange Student</i> - GPA (Total) : 4.0/4.0 (16 Credits) |
| Summer 2021 | Harvard University (Summer School) , MA, United States - <i>Visiting Student</i> - GPA (Total) : 4.0/4.0 (8 Credits) - Tuition funded by DB Cultural Foundation |
| Aug 2016 - May 2018 | Leave of Absence (Mandatory Military Service), Republic of Korea <i>Worked as an Auxiliary Police</i> |

PUBLICATIONS

Drafts available online (<https://himakun.github.io/publications>)

WORKING PAPERS

Drafts available online (<https://himakun.github.io/publications>)

[1] Estimation of Welfare using Regional Migration Data in South Korea

'We use gross bilateral regional migration flows and discrete model to estimate each counties' overall quality of life.'

- Co-working with Professor Seung Hoon Lee (Yonsei University)

- Presented at 'Junior Scholar Club Student Workshop in School of Economics' in Yonsei University

WORK IN PROGRESS

[4] Language Proficiency and Immigrant

'We analyze certain economic outcomes of immigrants in South Korea with respect to their language proficiency.'

- Co-working with Professor Hee Seung Yang

[3] **Differentiation Strategy of Media Attributes in News Media**

‘By applying Focusing Model to 2-dimensional Hotelling Model, we analyze the product differentiation behavior of media firms.’

- Co-working with Professor Sang Hyun Kim

[2] **Effect of Region Connectivity on Location Quotients of Basic Industries**

‘We apply empirical analysis on the construction of High-Speed-Rail (HSR) in South Korea.’

‘Increase of connectivity between local regions result in decrease of location quotients of basic industries.’

- Co-working with Professor Seung Hoon Lee

[1] **Economics of Regulation in the Era of Fake News**

‘Due to fundamental structure of the game between the government and the press, systematic regulation of fake news does not take place in the era of fake news.’

- Advised by professor Jin Yeub Kim

RESEARCH EXPERIENCE

Jan. 2022 - Present **Research Assistant for Professor Seung Hoon Lee (Yonsei University)**

Bank of Korea Project on Regional Migration

- Managed the data with regional variation (i.e., Regional Migration Data in MicroData Integrated Service in South Korea)

- Preprocessed the data and implemented overall analysis using R.

Mar. 2021 - Present **Research Assistant for Professor Sang Hyun Kim (Yonsei University)**

Mar. 2021 - Present **Research Assistant in Center for Research in Experimental And Theoretical Economics (Yonsei University)**

- Participated in Economic Lab Experiments (ex. Experiment on “Transitive Delegation and Information Acquisition”, etc)

Mar. 2022 - Present **Research Assistant for Dr. Sang Woo Yang (Yonsei University)**

- Assisted in literature review and references for the book:

Jun. 2021 - Jan 2022 **Research Assistant for Ph.D student Boo Kang Seol (Columbia University)**

- Field research team on analyzing Community-Driven-Development (CDD) in 1970s South Korea.

- Participated in building and preprocessing DB of local county micro-data on CDD in 1970s.

Mar. 2020 - Aug 2020 **Undergraduate Research Student in Numerical Analysis Lab (Yonsei University)**

- Computational Science & Engineering Multidisciplinary Department

- Participated in Workshop on Computational Science and Engineering Department.

- Took part in team seminar on **Machine Learning (Deep Learning & Convolutional Neural Network)**.

- Coded Numerical Analysis (finite-difference methods) problems using Matlab & Python.

- Coded Deep Learning (fully-connected and convolutional neural network) using Python.

PRESENTATIONS

Apr. 2022 **8th Junior Scholar Club Student Workshop in School of Economics, Yonsei University**

TEACHING EXPERIENCE

- Mar. 2022 - Present **Teaching Assistant for Professor Sang Hyun Kim (Yonsei University)**
- (Undergraduate) Contracts and Organization Theory (Spring 2022, Fall 2022, Spring 2023)
- (Graduate) Microeconomics (Spring 2022, Fall 2022, Spring 2023)
- Mar. 2022 - Present **Teaching Assistant for Dr. Sang Woo Yang (Yonsei University)**
- (Graduate) News Media Economics (Spring 2022, Fall 2022)
- Winter 2022 **Instructor at Yonsei Economics 00 Camp**, Yonsei University
- Targeted for incoming graduate students with no prior experience with 00
- Covering materials: data management, exploratory data analysis, and regression analysis
- Mar 2021 - Jun 2021 **Undergraduate Tutoring Program**, Yonsei University
- Innovation Center for Teaching and Learning
- Tutor for Undergraduate **Mathematics for Economics**

HONORS & SCHOLARSHIPS & FELLOWSHIPS

- Spring 2022 - Present **Integrated Graduate-Undergraduate Program Scholarship**
Yonsei University
- Merit-based scholarship covering full tuition during the entire Master's degree program
- Apr. 2021 - Present **Yonsei Signature Cluster Research Fund**
Yonsei University
- Predoc researcher assistant of Professor Sang Hyun Kim
- Apr. 2021 - Present **Yongwoon Research Fellowship**
Yonsei University
- Predoc researcher assistant of Professor Sang Hyun Kim
- Mar. 2020 - Dec. 2020 **Research Fund**, Jeong-San Educational Foundation
Yonsei University
- One year Research Grant given to support qualified undergraduate students
- Spring 2021 **Veritas Scholarship**
Fall 2020, Spring 2020 *Yonsei University*
Spring 2019, Spring 2016 - Merit-based scholarship that covers tuition for one semester
- Spring 2016 **Highest Honors**
Yonsei University
- Fall 2015 **High Honors**
Yonsei University
- Fall 2019 **Honors**
Yonsei University

OTHER ACADEMIC EXPERIENCE

- Mar. 2020 - Present **Junior Scholar Club, Economics Chapter**, Yonsei University
- Advisors (Professors): Young Se Kim, Tae Yoon Sung, Jaeok Park, Se Min Kim, Sang yup Choi, Myung Kyu Shim, Jin Yeub Kim
 - Participated in an honor society for students seeking a doctoral degree in economics
- Vice President** (Jan. 2021 - Dec. 2021)
- Organized various academic events including but not limited to: weekly Econ seminars on published research papers, intervarsity conferences and presentation workshops.
- Leader of Microeconomics Reading Group** (Fall 2021 - Fall 2022)
- Presented various papers including: "The Economic Consequences of Social Network Structure", "Poverty and Migration in the Digital Age: Experimental Evidence on Mobile Banking in Bangladesh", "A Model of the Consumption Response to Fiscal Stimulus Payments", "Group Identity and Social Preferences," "Where is the Land of Opportunity - The Geography of Intergenerational Mobility in the United States."
- Mar. 2022 - Present **Yonsei Macro-Finance-International Reading Group**, Yonsei University
- Presented or scheduled to present the following papers: "The role of information and experience for households inflation expectations."
 - Website : <https://sites.google.com/view/ymfgr/home>
- Mar. 2020 - Feb. 2021 **Yonsei Microeconomics Reading Group**, Yonsei University
- Presented or scheduled to present the following papers:

OTHER CREDENTIALS

- Mar. 2017 - May 2018 **National Institute for Lifelong Education (Business Administration)**, Republic of Korea
- Completed courses on Business Administration Undergraduate Level
 - **(Total 25 Credits Earned) 4.13/4.50 GPA**
 - Online courses accredited by Ministry of Education of Korea (Intermediate Financial Accounting I, Cost Managerial Accounting I, Tax Law, Principles of Accounting)
 - Passed Bachelor of Arts Degree Exam for SelfEducation (Introduction to Management, Organizational Behavior)
- Mar. 2022 - Present **XSeries Program in Differential Equations on edX**, MIT
- Completed a full course on Differential Equations including:

SKILLS & OTHER INFO

- Computer Skills:** STATA, R, Python, \LaTeX , Github
- 2.5 research years using STATA and R.
 - Coded Deep Learning (Neural Network) using Python.
- Language :** Korean (Native), English (Fluent), Spanish (Basic)
- Test Scores:** TOEFL: Reading () Listening () Speaking () Writing ()
- GRE: Verbal 160 (85%) Quant 169 (94%) Writing 4.5 (80%)
- Citizenship:** Republic of Korea

COMMUNITY SERVICES

- Mar. 2015 - June 2015 **Incheon-Yonsei Program**, Yonsei University
- Taught English and Math to two local high school students

SELECTED COURSES TAKEN

| Math & Statistics | | Economics | |
|---|-------|-------------|-------|
| Course name | Grade | Course name | Grade |
| Real Analysis I (<i>Graduate Level</i>) | NA | NA | NA |
| Differential Topology (<i>Graduate Level</i>) | NA | NA | NA |
| Complex Analysis | A+ | NA | NA |
| Analysis 1 | A0 | NA | NA |
| Sets, Groups, and Topology • | A | NA | NA |
| General Topology † | S | NA | NA |
| Differential Equations ◇ | NA | NA | NA |
| Multivariate Analysis † | S | NA | NA |
| Mathematical Statistics (1) | A+ | NA | NA |
| Mathematical Statistics (2) | A- | NA | NA |
| Stochastic Process for Data Science | A+ | NA | NA |
| Deep Learning | A+ | NA | NA |
| Time Series Analysis | A+ | NA | NA |
| Regression Analysis | A+ | NA | NA |
| Statistical Method | A+ | NA | NA |

* : Took when I was an undergraduate. Not included in the undergraduate GPA and transcript.

† : **S**atisfactory or **U**nsatisfactory. Passed the course with grade equivalent to A0.

• : Taken at Harvard Summer School, where highest letter grade is A.

◇ : Course taken in *XSeries Program* edX issued by MIT