

# GAYOUNG KO

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## RESEARCH INTERESTS

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Industrial Organization, Applied Microeconomics, Labor Economics, Digital Platforms, Machine Learning

## EDUCATION

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**Ph.D. in Economics** 2022

*University of Virginia*, Charlottesville, VA

Advisors: Prof. Simon Anderson and Prof. Gaurab Aryal

Thesis: Gender Discrimination in the Gig Economy: Evidence from Online Auctions for Freelancing

**M.A. in Economics** 2018

*University of Virginia*, Charlottesville, VA

**M.A. in Economics** 2012

*Korea University*, Seoul, Republic of Korea

Advisor: Prof. Kwanho Shin

**B.A. in Economics** 2010

*Korea University*, Seoul, Republic of Korea

Second Major: Financial Engineering (Interdisciplinary Program)

## JOURNAL PUBLICATIONS

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**G. Y. Ko**, D. Shin, S. Auh, Y. Lee, and S. P. Han, “Learning Outside the Classroom during a Pandemic: Evidence from an Artificial Intelligence-Based Education App,” *Management Science*, 2022 (forthcoming).

## WORK IN PROGRESS

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“Gender Discrimination in the Gig Economy: Evidence from Online Auctions for Freelancing,” **G. Y. Ko** — *Job Market Paper*.

“Human vs. AI: Will AI Allow Humans to Do Tasks that are Best Suited to Them?” D. Shin, **G. Y. Ko**, S. Auh, Y. Lee, and S. P. Han — manuscript in preparation for submission

“The Gender Gap and its Business Impact: Evidence from an Online Tutoring Platform,” **G. Y. Ko**, D. Shin, J. Kim, S. Auh, Y. Lee, and S. P. Han — manuscript in preparation for submission

## PROFESSIONAL EXPERIENCE

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**Economic Researcher** Jan 2012–Aug 2015

*LG Economic Research Institute*, Seoul, Republic of Korea

**Research Assistant** Jul 2010–Dec 2011

*Korea University*, Seoul, Republic of Korea

**Research Intern** Aug 2008–Dec 2008

*LG Economic Research Institute*, Seoul, Republic of Korea

## SEMINAR AND INVITED TALKS

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**Jun 2022:** “Gender Discrimination in the Gig Economy: Evidence from Online Auctions for Freelancing,” *Economics Research Seminar*, Korea University, Seoul, Korea.

**May 2022:** “Gender Discrimination in the Gig Economy: Evidence from Online Auctions for Freelancing”

- *International Industrial Organization Conference*, Boston, Massachusetts.
- *DC Industrial Organization Day*, Virtual.

**Jan 2022:** “Gender Discrimination in the Gig Economy: Evidence from Online Auctions for Freelancing”

Analysis Group, Arizona State University, City University of Hong Kong, Congressional Budget Office, Cornell University (SC Johnson College of Business), Hong Kong University of Science and Technology, Korea Development Institute, KDI School of Public Policy and Management, Korea Information Society Development Institute, Microsoft Research (Office of the Chief Economist), National Taiwan University, University of Illinois at Urbana-Champaign, University of San Francisco, University of Tennessee at Knoxville

**Jun 2021:** “The Gender Gap and its Business Impact: Evidence from an Online Tutoring Platform”

- *Consortium for Data-driven and Experiment-based Evidence for Policy (DEEP)*, Seoul, Korea.
- *IS Research Seminar*, Korea University, Seoul, Korea.

**May 2019:** “Gender in Gig Economy: Evidence from Online Auctions for Freelance Jobs,” *University of Virginia – 6th Economics Research Colloquium*, Charlottesville, Virginia.

## HONORS AND AWARDS

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<b>Tipton R. Snively Award for Meritorious Thesis</b> , <i>University of Virginia</i>	2022
<b>Bankard Pre-doctoral Fellowship</b> , <i>University of Virginia</i>	2020
<b>Tipton R. Snively Award for Best Dissertation Proposal</b> , <i>University of Virginia</i>	2019
<b>Tipton R. Snively Award for Outstanding Summer Research</b> , <i>University of Virginia</i>	2018
<b>Presidential Award Scholarship</b> , <i>University of Virginia</i>	2018
<b>Graduate Student Fellowship</b> , <i>University of Virginia</i>	2016
<b>Brain Korea Scholarship</b> , <i>National Research Foundation of Korea</i>	2010–2011
<b>Admission with Highest Honors</b> , <i>Korea University</i>	2010
<b>Honors Scholarship</b> , <i>Korea University</i>	2005–2009

## TEACHING EXPERIENCE

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**Teaching Assistant**, *University of Virginia*

**Spring 2020, 2021:** ECON 3010 Intermediate Microeconomics (Undergraduate)

**Fall 2017, 2018, 2019:** ECON 4010 Game Theory (Undergraduate)

**Spring 2018:** ECON 7720 Econometrics II (Graduate)

## SERVICE ACTIVITIES

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Organizer for UVa Graduate IO Research Meetings, <i>University of Virginia</i>	Summer 2020–Spring 2021
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## SKILLS

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**Programming:** Python, R, SQL, Stata, Matlab