

# GAYOUNG KO

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## WORK EXPERIENCE

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### **Assistant Professor**

*University of Tennessee*, Knoxville, Tennessee  
Department of Economics, Haslam College of Business

*Aug 2022–Present*

### **Economic Researcher**

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

*Jan 2012–Aug 2015*

## EDUCATION

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### **Ph.D.** in Economics

*University of Virginia*, Charlottesville, Virginia

Advisors: Prof. Simon Anderson and Prof. Gaurab Aryal

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

2022

### **M.A.** in Economics

*University of Virginia*, Charlottesville, Virginia

2018

### **M.A.** in Economics

*Korea University*, Seoul, Republic of Korea

Advisor: Prof. Kwanho Shin

2012

### **B.A.** in Economics

*Korea University*, Seoul, Republic of Korea

2010

## RESEARCH INTERESTS

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

## 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**

“AI Effectiveness, Task Difficulty, and Employee Income in the Gig Economy: When AI is the Default Service Provider Rather than Humans,” D. Shin, **G. Y. Ko**, S. Auh, R. Lee, and S. P. Han — under review at *Management Science*

“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 — preparing for submission

## SEMINAR AND INVITED TALKS

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

- (Nov 2022) *Southern Economic Association (SEA) 92nd Annual Meeting*, Fort Lauderdale, Florida.
- (Aug 2022) *The 6th Empirical Microeconomics Workshop*, Banff, Alberta, Canada.
- (Jun 2022) *Economics Research Seminar*, Korea University, Seoul, Korea.
- (May 2022) *International Industrial Organization Conference*, Boston, Massachusetts.
- (May 2022) *DC Industrial Organization Day*, Virtual.

**Jan–Feb 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,” *The 6th Economics Research Colloquium*, University of Virginia, Charlottesville, Virginia.

## HONORS AND AWARDS

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

## TEACHING

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### University of Tennessee, Knoxville

**Spring 2023:** Instructor for the graduate course ECON632, “*Industrial Organization II*”.

**Fall 2022:** Instructor for the undergraduate course ECON435, “*Industrial Organization*”.

## SERVICE ACTIVITIES

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### University of Tennessee, Knoxville

- Graduate Studies Committee, Member, 2022–2023

### University of Virginia

- Graduate IO Research Meetings, Organizer, 2020–2021

## SKILLS

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