

GAYOUNG KO

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RESEARCH INTERESTS

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

EDUCATION

Ph.D. in Economics 2022

University of Virginia, Charlottesville, VA

Advisor: Prof. Simon Anderson and Prof. Gaurab Aryal

Thesis: Gender Discrimination in the Gig Economy

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)

WORK IN PROGRESS

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

“Learning Outside the Classroom during a Pandemic: Evidence from an Artificial Intelligence-Based Education App,” **G. Y. Ko**, D. Shin, S. Auh, Y. Lee, and S. P. Han — under 3rd round review at *Management Science*.

“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

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

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.
- *Korea Univeristy*, 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

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 EXPERIENCE

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

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

Programming: Python, R, SQL, Stata, Matlab