

# Namil Kim

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## ACADEMIC POSITIONS

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<b>Konkuk University</b> Assistant Professor, Department of Advanced Industry Fusion	2023-present
<b>Harbin Institute of Technology</b> Associate Professor, Department of Strategy and Innovation, School of Management	2019-2023
<b>KAIST</b> Senior Researcher, School of Business and Technology Management, College of Business	2016-2019

## EDUCATION

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<b>KAIST</b> PhD, School of Business and Technology Management, College of Business	2016
<b>Tuck School of Business at Dartmouth College</b> Visiting Scholar	2015-2016
<b>Rheinische Friedrich-Wilhelms-Universität Bonn</b> Master of Science	2010
<b>University of Toronto</b> Bachelor of Commerce	2008

## RESEARCH INTERESTS

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Economics of AI  
Economics of Digitization  
Innovation  
Entrepreneurship  
Industry Dynamics and Market Structure

## WORKING PAPERS

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- [1] “How Does AI Improve Human Decision-Making? Evidence from the AI-Powered Go Program”  
(with Sukwoong Choi, Junsik Kim and Hyo Kang) Conditionally accepted at **Strategic Management Journal (UTD24, FT50)**
- **Award:** Winner for the Best Interdisciplinary Paper Award Strategic Human Capital in the SMS 2021
  - **Media Cover:** MIT IDE Blog, State of AI Report 2021, The Chosun Ilbo (Leading Korean Daily Newspaper)
  - **Presented:** 2021 NBER Economics of Artificial Intelligence Conference; 2021 MIT IDE Fall Seminar; 2021 Conference on Artificial Intelligence, Machine Learning, and Business Analytics; 2022 3rd AI and Strategy Consortium; 2022 IP and Innovation (IPI) Seminar; 2022 Wharton Technology and Innovation Conference; 2022 the 1st Wharton/Columbia Management, Analytics, and Data (MAD) Conference

- [2] “Connecting the dots between democracy and innovation: The mediating role of economic freedom and press freedom” (with Hyungseok Yoon and Christopher Boudreaux) *Conditionally accepted at Research Policy (FT50)*
- [3] “Anti-Labor Environments and Employee Entrepreneurship: Evidence from Right-To-Work Laws” (with Daehyun Kim and Haemin Dennis Park) *Second revision invited (FT50)*
- [4] “How Digital Platforms Unintentionally Foster Entrepreneurial Activities: The Case of the Staggered Entry of Craigslist” (with Daehyun Kim and Yongwook Paik) *First revision invited (FT50)*
- [5] “The Dual Edges of AI: Advancing Knowledge While Reducing Diversity” (with Sukwoong Choi, Hyo Kang and Junsik Kim) *Writing a draft*
  - **Award:** Finalist for the Best Paper of the 2023 Conference on Information Systems and Technology (CIST)
  - **Presented:** 2022 Conference on Artificial Intelligence, Machine Learning, and Business Analytics

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## WORK-IN-PROGRESS

- [1] “How Does AI Improve Human Collaboration and Performance? Evidence from AI-powered X-ray Triage in University Hospitals” (with Sukwoong Choi and Hyo Kang) *Data analysis After passing IRB review*
  - **Grant:** Co-principal investigator, USC Marshall Institute for Outlier Research in Business Grant Program, “How Does AI Improve Human Decision-Making and Performance? Evidence from AI-powered X-ray Triage in University Hospitals” (with Hyo Kang and Sukwoong Choi) (2022-2023) (\$19,400)

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## SELECTED PUBLICATIONS

- [1] “Climate Impact, Institutional Context, and National Climate Change Adaptation IP Protection Rates” (with Hyungseok Yoon, Peter Tashman, Mirko Benischke and Jonathan Doh) (2024) *Journal of Business Venturing (FT50)*
- [2] “Industrial Leadership Changes without Technological Discontinuity: Modularization, Institution-Led Market Discontinuity, and Market Development Strategy” (with Kiho Kwak) (2022) *Technological Forecasting and Social Change*
- [3] “International Alliance Formations: The Role of Brokerage in Technology Competition Networks” (with Sukwoong Choi, and Wonjoon Kim) (2022) *Journal of Business Research*
- [4] “Concentrate or disperse? The relationship between major customer concentration and supplier profitability and the moderating role of insider ownership” (with Kiho Kwak) (2020) *Journal of Business Research*
- [5] “A cross-national study of knowledge, government intervention, and innovative nascent entrepreneurship” (with Hyungseok Yoon, Bernard Buisson and Fred Phillips) (2018) *Journal of Business Research*
  - **Media Cover:** Harvard Business Review France
- [6] “Do Your Social Media Lead You to Make Social Deal Purchases? Consumer-Generated Social Referrals for Sales via Social Commerce” (with Wonjoon Kim) (2018) *International Journal of Information Management*

- [7] “The Effect of Patent Protection on Firms’ Market Value: The Case of the Renewable Energy Sector” (with Daehyun Kim and Wonjoon Kim) (2018) *Renewable and Sustainable Energy Reviews*
- [8] “Dynamic Patterns of Industry Convergence: Evidence from a Large Amount of Unstructured Data” (with Hyeokseong Lee, Wonjoon Kim, Hyunjong Lee and Jong Hwan Suh) (2015) **Research Policy (FT50)**

## **ACADEMIC HONORS**

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- [1] Winner, Best Interdisciplinary Paper Award (Strategic Human Capital IG), SMS Conference (2021)
- [2] Fellowship for Social Science Korea - All but Dissertation (2015-2016) (\$22,000): National Research Funding (NRF) of Korea

## **RESEARCH PROJECT EXPERIENCES**

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- [1] **How Does AI Improve Human Decision-Making and Performance? Evidence from AI-powered X-ray Triage in University Hospitals** (with Hyo Kang and Sukwoong Choi), (\$19,400)  
USC Marshall Institute for Outlier Research in Business Grant Program 2022-2023  
Co-principal Investigator
- [2] **The role of technological advance and innovation in a digitized and globalized modern society**, (\$30,000)  
Harbin Institute of Technology 2020-2022  
Principal Investigator
- [3] **Technology Innovation and Industry Future Strategy for Sustainable and Balanced Economic Growth**,  
Korea National Research Foundation of Korea 2016-2018  
Associate Researcher
- [4] **Research on the Global Innovation and Production Network and the Sustainable Industrial Ecosystem of Korea**,  
Korea National Research Foundation of Korea 2012-2015  
Research Assistant
- [5] **Social Big Data Science Research Team**,  
Korea National Research Foundation of Korea 2013-2014  
Research Assistant
- [6] **Identification of Diffusion Patterns on Social Interests via Network Analysis**,  
KAIST 2013  
Research Assistant
- [7] **Network Patterns of Patent-centric Technological Knowledge and Innovation Strategy for a Mobile Industry**,  
Korea Institute of Intellectual Property 2012  
Research Assistant
- [8] **Research of Mediation Route and Mediation Factor on Multiple Divide**,  
Korea National Research Foundation 2011-2012  
Research Assistant