

# Namil Kim

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## ACADEMIC POSITIONS

<b>Harbin Institute of Technology</b>	2019-present
Associate Professor at Department of Strategy and Innovation, School of Management	
<b>KAIST</b>	2016-2019
Senior Researcher at School of Business and Technology Management, College of Business	

## EDUCATION

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

## RESEARCH INTERESTS

Economics of Digitization and Artificial Intelligence  
Innovation  
Entrepreneurship  
Industry Dynamics and Market Structure

## SELECTED PUBLICATIONS

- [1] “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*
- [2] “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*
- [3] “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*
- [4] “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*
- [5] “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*

- [6] **“International Alliance Formations: The Role of Brokerage in Technology Competition Networks”** (with Sukwoong Choi, and Wonjoon Kim) (2022) *Journal of Business Research*
- [7] **“Industrial Leadership Changes without Technological Discontinuity: Modularization, Institution-Led Market Discontinuity, and Market Development Strategy”** (with Kiho Kwak) (2022) *Technological Forecasting and Social Change*

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## WORKING PAPERS

- [1] **“How Does AI Improve Human Decision-Making? Evidence from the AI-Powered Go Program”** (with Sukwoong Choi, Junsik Kim and Hyo Kang)
  - **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 (scheduled)
- [2] **“Climate risk and national climate change adaptation innovation rates: the role of institutional context”** (with Jonathan Doh, Mirko Benischke, Hyungseok Yoon and Peter Tashman)
- [3] **“Connecting the dots between democracy and innovation: The role of pro-market institutions and information processing”** (with Hyungseok Yoon and Christopher Boudreaux)

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## WORK-IN-PROGRESS

- [1] **“How Does AI Affect Human Knowledge? The Paradigm Shift by AI”** (with Sukwoong Choi and Hyo Kang) *Data Analysis*
- [2] **“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 Collection 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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## ACADEMIC HONORS

- [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

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## RESEARCH PROJECT EXPERIENCES

- [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