

Namil Kim

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ACADEMIC POSITIONS

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

EDUCATION

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

RESEARCH INTERESTS

Economics of Digitization and Artificial Intelligence

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) R&R at *Strategic Management Journal*
- **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] **[Title redacted]** (with Mirko Benischke, Hyungseok Yoon, Peter Tashman and Jonathan Doh) R&R at *Journal of Business Venturing*

- [3] **“Anti-Labor Environments and Employee Entrepreneurship: Evidence from Right-To-Work Laws”** (with Daehyun Kim and Haemin Dennis Park)
- [4] **“Connecting the dots between democracy and innovation: The role of pro-market institutions and information processing”** (with Hyungseok Yoon and Christopher Boudreaux)

WORK-IN-PROGRESS

- [1] **“Standing on the Shoulders of AI? Knowledge Creation by Learning from 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)

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*
 - **Media Cover:** Harvard Business Review France
- [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*

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

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