JUNHO YOON

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ACADEMIC POSITIONS

School of Management, University at Buffalo, The State University of New York
Assistant Professor of Management Science and Systems   2024 - Present

EDUCATION

The University of Iowa, Ph.D. in Business Administration   2024
Ulsan National Institute of Science and Technology, S.Korea, M.S.   2017
Ulsan National Institute of Science and Technology, S.Korea, B.S.   2013

AWARDS

Best Student Paper, INFORMS Workshop on Data Science 2022   2022
2nd place, University of Iowa Soccer World Cup   2022
Runner-up ($4,000), Expedia × ENTER 2020 Data Science Competition   2020

RESEARCH INTERESTS

Methods: machine learning, network science, econometrics
Topics: innovation, cybersecurity, human resource management

PUBLICATIONS

J. Yoon, G. Pant, S. Pant. (2024) "Discovery of Technological Innovation Systems: Implications for Predicting Future Innovation". **Journal of Management Information Systems (JMIS)**

H. Kim, **J. Yoon**, J. Nicolau. (2024) "The Sustainable Rhythm of Destination Popularity: A Song of Local Well-Being and Lasting Charm". **Journal of Hospitality & Tourism Research**

H. Kim, **J. Yoon**, J. Nicolau. (2023) "Unveiling technological innovation in hospitality and tourism through patent data: Development perspective and competition landscaping". **International Journal of Hospitality Management**

WORKING PAPERS & IN PROGRESS

J. Yoon, G. Pant. "Predicting Firm Alliances: Leveraging Relational Pluralism in Innovation with Graph Neural Networks". **Invited to the 3rd round** at **Information Systems Research (ISR)**

H. Kim, **J. Yoon**, J. Nicolau. "Individual Skill Flexibility and Turnover: Evidence from Hotel Employees".

CONFERENCES

J. Yoon, G. Pant. "Predicting Firm Alliances: Leveraging Relational Pluralism in Innovation with Graph Neural Networks". **INFORMS Annual Meeting 2024**

H. Kim, **J. Yoon**, J. Nicolau, N. McGehee, S. Ryu. "Individual Skill Flexibility and Turnover: Empirical Evidence from Hotel Employees". **Society for Industrial and Organizational Psychology 2024 (SIOP 2024)**

J. Yoon, G. Pant. "Predicting Firm Alliances: Leveraging Relational Pluralism in Innovation with Graph Neural Networks". **Conference on Information Systems and Technology 2023 (CIST 2023)**

J. Yoon. Doctoral Consortium (Late-Stage). **Americas Conference on Information Systems 2023 (AMCIS 2023)**

S. Ryu, B. Livingston, **J. Yoon**. "The Effect of Job Rotation on Employee Career Outcomes: Career Structure Perspective". **Society for Industrial and Organizational Psychology 2023 (SIOP 2023)**

H. Kim, **J. Yoon**, J. Nicolau. "Categorization of Hospitality Employee Skill Sets and the Skill Flexibility: the Influence on Turnover". **Graduate Student Research Conference in Hospitality and Tourism 2023**

J. Yoon, G. Pant, S. Pant. "Discovery of Technological Innovation Systems: Implications for Predicting Future Innovation". **INFORMS Data Science Workshop 2022, Best Student Paper Award**

T. Wang, **J. Yoon**, F. Jin. "What Drives Prosocial Crowdfunding: Herding or Diffusion of Responsibility". **Statistical Conference in E-Commerce Research 2022 (SCECR 2022)**

J. Yoon, G. Pant, S. Pant. "Predicting Innovation Through Topical Structure Discovery". **Workshop on Information Technologies and Systems 2021 (WITS 2021)**

T. Wang, **J. Yoon**, F. Jin. "What Drives Prosocial Crowdfunding: Herding or Diffusion of Responsibility". **Conference on Information Systems and Technology 2020 (CIST 2020)**

J. Yoon, L. Tong, S. Baek. "Predicting Patients' Severity Scores of Lymphoma Based on Clinical Impression from FDG-PET Scans". **INFORMS Healthcare Conference 2019**

J. Hong, **J. Yoon**. "Multivariate Time-series Classification of Sleep Patterns Using a Hybrid Deep Learning Architecture". **IEEE Healthcom. 2017**

TEACHING

University at Buffalo:	
MGQ 408: Business Analytics and Data Science	2026 -
MGS 613: Database Management Systems	2024 -
The University of Iowa:	
BAIS 3020: Computational Thinking	Fall 2020, 2021, 2022, 2023
BAIS 2800: Foundations of Business Analytics (Online)	Summer 2023
BAIS 3000: Operations Management	Spring - Fall 2019
BAIS 3800: Optimization and Simulation Modeling	Fall 2018
Nomination, Teaching Excellence for Graduate Assistants	Spring 2023
Instructor Recognition by Graduating Seniors, 2023 UI Senior Exit Survey	Spring 2023

SERVICE

University at Buffalo:	
AI for Good Hackathon - Mentor	Spring 2025
Ph.D. Qualifying Exam Committee (Raghav Singh)	Spring 2025
Ph.D. Curriculum Redesign Committee	Fall 2024

REVIEWING

Production and Operations Management (1)	2025 -
Information & Management (1)	2025 -
Journal of the Association for Information Science and Technology (1)	2024 -
Journal of Management Information Systems (2)	2024 -