JUNHO YOON

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https://www.junhoyoon.site/home

EDUCATION

The University of Iowa, Ph.D. candidate in Business Analytics (Advisor: Gautam Pant) — 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 — Oct 2022
2nd place (Captain), University of Iowa Soccer World Cup — Fall 2022
Runner-up ($4,000), Expedia × ENTER 2020 Data Science Competition — Jan 2020

RESEARCH INTERESTS

Methods: machine learning, network analysis, econometrics
Topics: technology innovation, interfirm collaboration, healthcare, human resource management

WORKING PAPERS & IN-PROGRESS

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

J. Yoon, G. Pant. "Predicting Firm Alliances: Leveraging Relational Pluralism in Innovation with Graph Neural Networks". targeting **Information Systems Research (ISR)**

T. Wang, **J. Yoon**, F. Jin. "What Drives Prosocial Crowdfunding: Herding or Diffusion of Responsibility?". targeting **Journal of Marketing**

H. Kim, **J. Yoon**, J. Nicolau. "Individual Skill Flexibility and Turnover: Evidence from Hotel Employees". targeting **Human Resource Management (HRM)**

CONFERENCES

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**

FELLOWSHIPS

The University of Iowa:

Department of Business Analytics Research Fellowship	Spring 2023
Department of Business Analytics Research Fellowship	Spring 2022
Iowa Graduate College Post-Comprehensive Research Fellowship	Spring 2021
Department of Business Analytics Research Fellowship	Spring 2020
Iowa Graduate College Recruitment Fellowship	2018 - 2023

Ulsan National Institute of Science and Technology:

Full Tuition Scholarships (M.S.)	2015 - 2017
Full Tuition Scholarships (B.S.)	2009 - 2013
Summer Student Exchange Program ($3,500)	Jul 2011

Others:

Student Scholarship, INFORMS Workshop on Data Science 2022	Oct 2022

TEACHING

The University of Iowa:

BAIS 2800: Business Analytics	Summer 2023
BAIS 3020: Computational Thinking	Fall 2020, 2021, 2022
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

Coordinator, Data Mining at Iowa Group	Fall 2021
Social Media Manager, INFORMS Iowa Student Chapter (**Cum Laude**)	2021 - 2022

PROJECT EXPERIENCES

Kantar TNS Korea:

"Sleep Pattern Customization using IoT Sensors" (client: **Woongjin Coway**)	Aug 2016
"Electric Appliances Demand Forecasting" (client: **Samsung Electronics**)	Jul 2016

TECHNICAL SKILLS

Programming	Python, R, SAS (Certified Advanced Programmer), STATA, SQL
Computing	High Performance Computing (HPC)
Machine Learning Frameworks	Pytorch, Keras, TensorFlow

LANGUAGES

English (Fluent), Korean (Native), Japanese (JLPT N2)

REFERENCES

Gautam Pant (Chair)
Professor of Business Administration
Gies College of Business
University of Illinois Urbana-Champaign
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Yale School of Management
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Fujie Jin
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