JEONGMIN KIM

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EDUCATION

Georgia State University   Atlanta, GA, USA

Ph.D., Center for Digital Innovation, Computer Information Systems   Expected Fall 2027
Advisor: Arun Rai

Korea Advanced Institute of Science and Technology (KAIST)   Seoul, South Korea

M.S., Management Engineering (IT Management)   Spring 2022
Thesis: *The effectiveness of ad personalization based on real-time visual attention: Evidence from object detection and eye-tracking*
Advisor: Jae-Hyeon Ahn

Sungkyunkwan University   Seoul, South Korea

B.S., Business Administration & Data Science   Fall 2019

RESEARCH INTERESTS

- Artificial intelligence
- Labor market & Future of work

PUBLICATIONS & CONFERENCES

Publications

- Kim, J., Lim, H., Ahn, J. H., Lee, K. H., Lee, K. S., and Koo, K. C. (2021). Optimal Triage for COVID-19 Patients Under Limited Health Care Resources with a Parsimonious Machine Learning Prediction Model and Threshold Optimization Using Discrete-Event Simulation: Development Study. *JMIR Medical Informatics*, 9(11), e32726.

Conferences

- Kim, J., Rai, A. Lin, Y-K., "AI Labor Markets: Toward a Dynamic Skills-Based Approach to Measurement," To be presented at the 44th *International Conference on Information Systems*, December 10-13, Hyderabad, India, 2023.
- Song, M., Kim, J., Son, J., and Lee, G. "The Impact of Interactive Content on User Engagement in Live-streaming Videos," Presented at *INFORMS Annual Meeting*, Anaheim, CA & Virtual, USA, 2021.

RESEARCH EXPERIENCE

Georgia State University   Atlanta, GA, USA

Graduate Research Assistant, Center for Digital Innovation   Fall 2022 – Present

- Study of AI impact on the labor market using online job postings data

Korea Advanced Institute of Science and Technology (KAIST)   Seoul, South Korea
Graduate Research Assistant, Management Engineering   Spring 2021 – Spring 2022
- COVID-19 Patient Severity Prediction Model Development, Severance Hospital

Sungkyunkwan University   Seoul, South Korea
Undergraduate Research Assistant, Management Engineering   Spring 2019 – Spring 2020
- Location-based Recommendation System and Local Stores, NAVER. Corp

HONORS & AWARDS

Scholarships
- Academic Excellence Scholarship, KAIST (Fall 2020, Spring 2021)
- KAIST Scholarship, KAIST (Spring 2020)
- Academic Excellence Scholarship, Sungkyunkwan University (Fall 2018, Spring 2019)
- Samsung Scholarship, Sungkyunkwan University (Spring 2013)

Data Science Competition Awards
- Korean Basketball League Data Analysis Competition, Korea Sports Promotion Foundation, 2nd place (2019)
- National Water Big Data Contest, Ministry of Environment of South Korea, awarded (2018)

Extracurricular Activities
- Algorithmic trading with machine learning (2020 - Present)
- Data mining team leader at an academic club P-SAT, Sungkyunkwan University (2018)