JIANNA (JIAN) HUR

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EDUCATION

Indiana University, Kelley School of Business, Bloomington, IN　　　　　　　　2025-2030 (expected)
Ph.D. Student, Information Systems, Department of Operations and Decision Technologies
- Research Associate, Data Science and Artificial Intelligence Lab (DSAIL)

Indiana University, Kelley School of Business, Bloomington, IN　　　　　　　　　　　　May 2025
Master of Science, Information Systems, Concentration: Enterprise Analytics and Intelligence

Indiana University, Kelley School of Business, Bloomington, IN　　　　　　　　　　　　July 2023
Bachelor of Science in Business, Major: Finance, Co-major: Business Analytics, Digital Technology Management
　　(with a Dual Degree in Global Business Administration at SKKU, Seoul, South Korea)
- Business Analytics Consulting Workshop (Spring 2023)

RESEARCH INTERESTS
- **Domain:** Business Intelligence, Semiconductor manufacturing, Supply chain dynamics, Financial modeling
- **Methods:** Machine learning, Deep Learning, Large Language Models, Network Science

RESEARCH
- Jianna Hur, Henry Yang, and Sagar Samtani "Identifying and Assessing Supply Chain Risk for the Major AI-Related Customers in the Semiconductor Industry: A Graph Transformer-based Approach" ***Status:*** Data collection underway; initial graph analytics ongoing.

RESEARCH GRANTS
- **Year**: 2024-2025. **Grant Title:** "Artificial Intelligence for Business Intelligence (AI4BI) Academic Program" **Funding source:** Taiwan Semiconductor Manufacturing Company (TSMC). **Funding Amount:** $~$600K. **Status:** Funded. **Role**: Assisting Grant Writer.

TEACHING EXPERIENCE
- Graduate Assistant for Professor Tony Huang
  Online Class: BUS-F210 Personal Finance, BUS-F300 Introduction to Financial Management
- Graduate Assistant for Master of Science in Information Systems (MSIS) CORE semester
  In-Person Class: BUS-X501 (Artificial Intelligence Module, Data Analytics Module)

AWARD & LEADERSHIP
- **Data Jam Competition,** Bloomington, IN　　　　　　　　　　　　　　　　　　　January 2024
  1st place in graduate teams
- **Dick's Sporting Goods/Pitt Business Analytics Case Competition,** Pittsburgh, PA　　　April 2023
  Finalist Team
- **Asian Law Student Association (ALSA) South Korea Branch,** Seoul, South Korea　August 2020 – July 2021
  President of South Korea Branch

PROFESSIONAL ASSOCIATIONS
- INFORMS Information Systems Society (ISS)
- Association of Computing Machinery (ACM)
- Institute for Electrical and Electronics Engineers (IEEE)
- Association for Information Systems (AIS)

TECHNICAL SKILLS

- **Database Management:** MySQL, Apache Hadoop
- **Programming Languages:** Python, R, SQL, Stata
- **Analytical Modeling:** Machine Learning, Deep Learning, Natural Language Programming (NLP)
- **Data Visualization:** Tableau, Power BI

WORK EXPERIENCE

- **Data Science and Artificial Intelligence Lab (DSAIL),** Bloomington, IN — March 2024 – Now
  Research Assistant
- **Research Assistant for Professor Jingjing Zhang,** Bloomington, IN — February 2024 – August 2024
- **Bain & Company,** Seoul, South Korea — December 2022
  Research Assistant
- **Ernst & Young,** Seoul, South Korea — June 2022 – August 2022
  Financial Service Organization Strategy Team, Intern

PROFESSIONAL REFERENCES

Sagar Samtani, Ph.D.
Associate Professor and Arthur M. Weimer Faculty Fellow
Executive Founding Director, Kelley's Data Science and Artificial Intelligence Lab (DSAIL)
Director, AI for Business Intelligence Research Center, Taiwan Semiconductor Manufacturing Company
Founding Co-Editor-in-Chief, *ACM Transactions on AI Security and Privacy*
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Jingjing Zhang
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Judith Norman Davis and Kim G. Davis Professor of Business Analytics
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