

# Miao Yu

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## Education

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### The University of Hong Kong

*PhD, Innovation and Information Management*

**Hong Kong, China**  
2021–2026 (expected)

Advisor: Prof. Hailiang Chen

### University of Michigan

*M.S. in Technology and Operations, Stephen M. Ross School of Business*

**Ann Arbor, MI**  
2017 – 2019

Cumulative GPA – 3.89/4

### Nankai University

*B.S. in Logistics Management (with highest honor), Nankai Business School*

**Tianjin, China**  
2013 – 2017

Rank – 1/29

### Hong Kong University of Science and Technology

*Research Internship Student*

**Hong Kong, China**  
2016

## Research Interests

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**Application:** Gig Economy, FinTech

**Methodologies:** LLM, RAG, Agentic AI, Econometrics

## Working Papers

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- **Less Pressure, More Prosperity? The Impact of Conservative Estimated Time of Arrival Algorithm on Food Delivery Rider Behaviors**  
with Hailiang Chen (University of Hong Kong), Yu Jeffrey Hu (Purdue University), Yuan Cheng (Tsinghua University)  
*Under Major Revision at Information Systems Research*
- **GovLegal-RAG: Leveraging Retrieval-Augmented Generation for Government and Legal Consultation**  
with Hailiang Chen (University of Hong Kong)  
*Under Major Revision at Information Systems Research*  
**Just the Right Emotion: Exploring the Effects of Verbal and Facial Emotions in Live Streaming E-commerce**  
with Hailiang Chen (University of Hong Kong), Yifan Dou (Fudan University)  
*Manuscript available upon request*
- **Mimicking the Expert: A Transformer-Based Artifact for Leakage Detection in Auto Insurance**  
with Hailiang Chen (University of Hong Kong)  
*Work in progress*
- **Beyond the Nearest Driver: The Effect of Order Assignment Times on Delivery Drivers' Engagement and Retention**  
with Vivek Choudhary (Nanyang Technological University), Li Ding (Nanyang Technological University)  
*Work in progress*

## Conference Presentations

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### **Less Pressure, More Prosperity? The Impact of Conservative Estimated Time of Arrival Algorithm on Food Delivery Rider Behaviors**

Statistical Challenges in Electronic Commerce Research (SCECR) 2025, Paphos, Cyprus  
Workshop on Information Systems and Economics (WISE) 2024, Bangkok, Thailand  
Statistical Challenges in Electronic Commerce Research (SCECR) 2022, Madrid, Spain

### **GovLegal-RAG: Leveraging Retrieval-Augmented Generation for Government and Legal Consultation**

Joint University Summer Workshop on Information Systems (JUSWIS) 2025, Hong Kong, China  
Conference on Information Systems and Technology (CIST) 2024, Seattle, USA

### **Just the Right Emotion: Exploring the Effects of Verbal and Facial Emotions in Live Streaming E-commerce**

China Summer Workshop on Information Management (CSWIM) 2023, Changsha, China  
Workshop on Information Systems and Economics (WISE) 2021, Austin, USA

### **Mimicking the Expert: A Transformer-Based Artifact for Leakage Detection in Auto Insurance**

INFORMS Data Science Workshop 2024, Seattle, USA

## Teaching

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### **MSBA 7012 Social Media and Digital Marketing Analytics**

*Spring 2022, Spring 2023*

Delivered three tutorials and graded assignments.

### **Teaching Interests**

LLM, RAG, Agentic AI, Business Analytics, Data Science

## Industry Experience

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### **Applied Scientist (Intern), PingAn Technology**

*June 2024-Present*

AI deployment for risk control factor generation and algorithm optimization in finance.

### **Machine Learning Scientist (Intern), Meituan**

*Dec 2021-Oct 2022*

Optimized AI systems for improving rider welfare and system efficiency.

## Honors and Awards

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### **Dissertation Year Fellowship, The University of Hong Kong**

*2025-2026*

### **HKU Presidential PhD Scholarship, The University of Hong Kong**

*2021-2025*

Up to around HK\$1700,000

### **FBE PhD Research Progress Award, The University of Hong Kong**

*2023-2024*

### **FBE PhD Entrance Scholarship, The University of Hong Kong**

*2021-2022*

### **Ross Business School Fellowship, University of Michigan**

*2017-2019*

### **Distinguished Undergraduate Award, Nankai University**

*2017*

### **Tianjin Government Scholarship**

*2015-2016*

2% university wide

**The National Southwest Associated University Scholarship**

*2014–2015*

2% university wide

**The 1st Outstanding Student Scholarship**

*2013–2014*

5% university wide

**First Prize in National Undergraduate Innovative Research Program**

*May. 2017*

**The Honorable Mention in Interdisciplinary Contest in Modeling (ICM)**

*Feb. 2016*

**1st prize in national Mathematical Contest in Modeling (CUMCM)**

*Sept. 2015*

## Academic Services

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Journal Reviewer: Information & Management, Manufacturing & Service Operations Management, Production and Operations Management

Conference Reviewer: International Conference on Information Systems (ICIS); Pacific Asia Conference on Information Systems (PACIS); INFORMS Data Science Workshop; INFORMS MSOM Conference

## Skills

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Python, R, SQL, STATA, MATLAB, CPLEX, Mathematica, C++

## References

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### **Prof. Hailiang Chen**

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Faculty of Business and Economics  
The University of Hong Kong  
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### **Prof. Yu (Jeffrey) Hu**

Professor and Accenture Chair  
Daniels School of Business  
Purdue University  
Email: yuhu@purdue.edu

### **Prof. Yifan Dou**

Professor of Information Management and  
Business Intelligence  
School of Management  
Fudan University  
Email: yfdou@fudan.edu.cn