

Jingbo Hou

Ph.D Candidate in Information Systems
W. P. Carey School of Business
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EDUCATION

W. P. Carey School of Business, Arizona State University, Tempe, The United States

Ph.D. in Business Administration (Information Systems) 2018-2023 (Expected)

Committee Chair: Prof. Pei-yu Chen

Committee Members: Prof. Bin Gu, Prof. Yili (Kevin) Hong

Information School, Renmin University of China, Beijing, China

M.Eng. in Management Science and Engineering 2015- 2018

School of Information Management, Sun Yat-sen University, Guangzhou, China

B.Mgmt. in Information Management and Information System (with Honor) 2011-2015

RESEARCH INTEREST

Main Areas: Digital Platforms, Digital Media, Information and Communication Technology, Future of Work, Economics of AI/ML, Crowdsourcing Contest

Developing Areas: Digital Finance (e.g., Cryptocurrency)

Methodologies: Econometrics Analysis, Machine Learning (e.g., natural language processing, clustering, image processing, deep neural networks)

RESEARCH PAPERS

- Jingbo Hou, Ni Huang, Gordon Burtch, Yili Hong, Pei-yu Chen, “Evaluating the Efficacy of Platform-Imposed Application Costs for Managing Congestion in Online Matching Markets,” in preparation for the 2nd round review, major revision, *Management Science*.**
 - INFORMS Conference on Information Systems and Technology 2019 (CIST2019), Seattle, WA.
 - 29th Workshop on Information Technologies and Systems (WITS 2019), Munich, Germany.
 - 2019 INFORMS Annual Meeting (INFORMS 2019), Seattle, WA.
- Jingbo Hou, Chen Liang, Pei-yu Chen, Bin Gu, “Does Telework Adjustment Reduce Unequal Impacts of the COVID-19 Disaster on Job Losses Across Genders?” under the 2nd round review, major revision, *Information Systems Research*.**
 - ISR Disaster Management Special Issue Workshop.
 - 2021 International Conference on Information Systems (ICIS 2021), Austin, TX. [Best Paper Nominee](#).
 - 2021 Workshop on Information Systems and Economics (WISE 2021), Austin, TX.
 - Conference on Information Systems and Technology 2021 (CIST2021), Newport Beach, CA.
 - 2022 Hawaii International Conference on System Sciences (HICSS 2022), Maui, HI.
 - 17th Annual Symposium on Statistical Challenges in Electronic Commerce Research (SCECR 2021), Virtual Conference.
 - 2021 INFORMS Annual Meeting (INFORMS 2021), Newport Beach, CA.
 - This research was also presented by Dr. Bin Gu at Boston University.
- Jingbo Hou, Chen Liang, Pei-yu Chen, “Local vs. Social: How Social Information Intensity Shapes Preventive Behavior in the Context of COVID-19,” in preparation for the 2nd round review, major revision, *Production and Operations Management*.**

- 2021 International Conference on Information Systems (ICIS 2021), Austin, TX.
 - 2022 INFORMS Annual Meeting (INFORMS 2022), Indianapolis, IN.
4. **Jingbo Hou**, Amin Sabzehzar, Yili Hong, Pei-yu Chen, “Can Machine-generated Content Improve Equality in Online Two-sided Platforms?” **in preparation for submission to *Management Science*.**
- 2021 International Conference on Information Systems (ICIS 2021), Austin, TX.
 - 17th Annual Symposium on Statistical Challenges in Electronic Commerce Research (SCECR 2021), Virtual Conference.
 - 2021 Conference on Artificial Intelligence, Machine Learning, and Business Analytics (AIML 2021), Virtual Conference.
 - 32nd Annual POMS Conference (POMS Conference 2022), Virtual Conference.
 - This research was also presented by Dr. Pei-yu Chen at Washington University, McGill University, and the University of Science and Technology of China.

SELECTED WORKS IN PROGRESS

1. Jingbo Hou, Pei-yu Chen, Bin Gu, “Exploration vs. Exploitation: Solution Visibility and Solver Performance in Online Crowdsourcing Contests,” **Targeting Journal: *Information Systems Research*.**
 - INFORMS Conference on Information Systems and Technology 2020 (CIST 2020), Virtual Conference.
 - 16th Annual Symposium on Statistical Challenges in Electronic Commerce Research (SCECR 2020), Virtual Conference.
 - 2021 Hawaii International Conference on System Sciences (HICSS 2021), Maui, HI.
 - 2020 INFORMS Annual Meeting (INFORMS 2020), Virtual Conference.
2. Jingyi Jiang, Jingbo Hou, “The Role of Editorial Recommendation on Mitigating Cold-Start Issue,” **Targeting Journal: *Information Systems Research*.**
 - 18th Annual Symposium on Statistical Challenges in Electronic Commerce Research (SCECR 2022), Madrid, Spain.

TEACHING

Instructor , Intro Business Data Analytics (CIS 315), Arizona State University	2022 Summer
Syllabus	
Course Evaluation of the First Session: 6.1/7.0	
Course Evaluation of the Second Session: 6.2/7.0	
Teaching Assistant , Data Mining (CIS 508), Arizona State University	2018, 2019
Instructed business data analytics using Python for business data analytics, covering widely used supervised machine learning algorithms.	
Teaching Assistant , Business Data Mining (CIS 375), Arizona State University	2018 Fall

SELECTED HONORS AND AWARDS

Outstanding Research Award of IS Department, W. P. Carey School of Business	2022
Best Paper Nominee of International Conference on Information Systems (ICIS) 2021	2021
Ph.D. Summer Research Grant from Information Systems Department	2019-2022
China National Scholarship (top 2% university-wide)	2012-2013
Outstanding Graduates in Sun Yat-sen University	2015

TOOLS & SKILLS

Python (PyTorch, Numpy, Pandas, Top2Vec, etc.), STATA, R, MySQL, Tableau, SPSS, Matlab

REFeree SERVICES

(Ad-hoc) Journal: *Information Systems Research (ISR)*, *Electronic Commerce Research and Applications (ECRA)*, *Decision Support Systems (DSS)*, *Information Systems Frontiers (ISF)*, *Information Systems Journal (ISJ)*

Conferences: International Conference on Information Systems (ICIS) 2019-2022, Hawaii International Conference on System Sciences (HICSS) 2019-2022, Americas Conference on Information Systems (AMCIS) 2020, European Conference on Information Systems (ECIS) 2020&2022, Pacific Asia Conference on Information Systems (PACIS) 2020-2021, Workshop on Information Technologies and Systems (WITS) 2022, INFORMS Conference on Information Systems and Technology (CIST) 2019&2022, China Summer Workshop on Information Management (CSWIM) 2019&2021, Annual Conference - Decision Sciences Institute (DSI) 2021

PROFESSIONAL SERVICES

Program Committee: China Summer Workshop on Information Management (CSWIM) 2019&2021

Session Chair: Workshop on Information Technologies and Systems (WITS) 2019, International Conference on Information Systems (ICIS) 2021

SELECTED GRADUATE-LEVEL COURSEWORK

Economics: Microeconomic Theory, Modeling with Game Theory

Econometrics: Econometrics, Applied Econometric Research, Causal Inference, Measuring Causal Effects in the Social Sciences (Coursera)

Statistics: Computational Statistics, Spatiotemporal Analysis, Bayesian Statistics (Coursera), Improving Your Statistics Inferences (Coursera), Basic Modeling for Discrete Optimization (Coursera)

Computer Science: Machine Learning, Deep Neural Networks, Convolutional Neural Networks (Coursera), Structuring Machine Learning Projects (Coursera), Improving Deep Neural Networks (Coursera), Introduction to Data Science in Python (Coursera), Neural Networks and Deep Learning (Coursera), Introduction to Programming with MATLAB (Coursera), Data Visualization and Communication with Tableau (Coursera)

INDUSTRIAL EXPERIENCES

Research Assistant of IPIN.com (a leading Chinese artificial intelligence company) 2019

Content Specialist in UC Browser of Alibaba Group (the largest retail economy in the world) 2014

CONTACT REFERENCES

Dr. Pei-yu Chen (Committee Chair)

Earl and Gladys Davis Distinguished Research Professor in Business of Information Systems

Chair, Department of Information Systems

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Arizona State University

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Dr. Bin Gu

Everett W. Lord Distinguished Scholar of Information Systems

Chair, Department of Information Systems

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Website: <https://www.bu.edu/questrom/profile/bin-gu/>

Dr. Yili (Kevin) Hong

Professor of Business Technology

Miami Herbert Business School

University of Miami

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Email: khong@miami.edu

Website: <http://kevinhong.me/>