

# JING TIAN

Post-doctoral Research Fellow

Center for Digital Innovation

J. Mack Robinson College of Business

Georgia State University, Atlanta, GA, 30303

Email: [jtian9@gsu.edu](mailto:jtian9@gsu.edu)

Phone: +1 (470) 313-8269

Homepage: <https://jingtian.info>

## ACADEMIC EXPERIENCE

---

- 2019 - Present    *Post-doctoral Research Fellow*, Center for Digital Innovation (CDIN)  
                          J. Mack Robinson College of Business, Georgia State University  
                          Supervisor: Dr. Arun Rai
- 2017 - 2018    *Visiting Scholar*, Center for Digital Innovation (CDIN)  
                          J. Mack Robinson College of Business, Georgia State University

## EDUCATION

---

- |       |  |      |
|-------|--|------|
| Ph.D. | Information Management and Information Systems, Fudan University | 2019 |
| B.A.  | Management Information Systems, Tianjin University               | 2014 |
| B.Sc. | Finance, Nankai University                                       | 2014 |

## RESEARCH

---

### Research Interests

- Topic:            AI Augmented Systems, AI Fairness, Explainable AI, Human-AI Interaction,  
                          Platform Governance, Platform Competition, IT Strategy
- Methodology:   Econometrics, Natural Language Processing, Machine learning, Experiments,  
                          Social Network Analysis

### Refereed Journal Publications

- Xia Zhao, Jing Tian, and Ling Xue. "Herding and software adoption: A re-examination based on post-adoption software discontinuance," *Journal of Management Information Systems*, 2020, 37(2), 484-509.
- Jing Tian, Yicheng Zhang, and Cheng Zhang. "Predicting consumer variety-seeking through weather data analytics," *Electronic Commerce Research and Applications*, 2018, (28), 194-207.
- Jing Tian, Xinlin Yao, and Cheng Zhang. "Knowledge Input and Output of Information System Field: 1990-2010," *China Journal of Information Systems*, 2017, (1), 84-93.

### Working Papers

- Jing Tian, Xia Zhao, and Ling Xue. "Platform Compatibility and Developer Multihoming: A Tradeoff Perspective," under the 3<sup>rd</sup> round review at *MIS Quarterly*.

- Arun Rai, Jing Tian, Ling Xue. "AI Fairness in Organizational Decisions: Conceptualization, Measurement, and Attainment from a Justice Theory Lens," with under final preparation for submission to *MIS Quarterly*.
- Jing Tian, Ling Xue, Sean Cao and Yuan Long, "Transparency or Perception Manipulation? A Study of IT Disclosure Tone in the Context of Data Breaches," with target submission to *Information Systems Research* in Fall 2021
- Jing Tian and Arun Rai. "Explainable AI and Human-AI Collaboration: A Control Perspective," target submission to a premier IS journal by December 2021.

### Conferences Proceedings and Presentations

- Jing Tian, Ling Xue, Sean Cao, and Yuan Long. "Transparency or Perception Manipulation? A Study of IT Disclosure Tone in the Context of Data Breaches," *The 17th Symposium on Statistical Challenges in Electronic Commerce Research (SCECR)*, Online, 2021
- Jing Tian, Ling Xue, Sean Cao, and Yuan Long. "Transparency or Perception Manipulation? A Study of IT Disclosure Tone in the Context of Data Breaches," *The 14th China Summer Workshop on Information Management (CSWIM)*, Online, 2021
- Jing Tian, Arun Rai, and Ling Xue. "A Justice Theory Perspective of AI Fairness: Conceptualization, Measurement, and Attainment," *CDIN Research Colloquium*, April 2021
- Jing Tian, Xia Zhao, and Ling Xue. "Platform Compatibility and Developer Multihoming: A Study of Firefox and Chrome," *The 51st Annual Conference of the Decision Sciences Institute*, Online, 2020
- Jing Tian, Xia Zhao, and Ling Xue. "Platform Compatibility and Developer Multihoming: A Study of Firefox and Chrome," *Proceedings of the 11th INFORM Conference on Information Systems and Technology (CIST)*, Seattle, WA, 2019.
- Jing Tian, Xia Zhao, and Ling Xue. "Technological compatibility between platforms and multi-homing of third-party developers," *Proceedings of the 40th International Conference on Information Systems (ICIS)*, Munich, German, 2019.
- Jie Gu, Jing Tian, Xiaolun Wang, and Hong Ling. "Does Negative News Travel Fast? Exploring the Effect of News Sentiment on Interactive Spiral," *The 19th International Conference on Human Computer Interaction*, Vancouver, Canada, 2017.
- Jing Tian, Yicheng Zhang, Chee Wei Phang, and Cheng Zhang, "Weather Effects on Consumer Variety seeking," *The 20th Pacific-Asia Conference on Information Systems (PACIS)*, Chiayi, Taiwan, 2016.

## TEACHING EXPERIENCE

---

### Teaching Interests

Analytics Courses: Applied Econometrics, Applied Machine Learning, Business Analytics, Social Network Analytics, Text Mining Analytics

Core IS Courses: Introductory IS Courses, Database Management Systems, Systems Analysis and Design, Technology Strategy, Electronic Commerce

Interdisciplinary IT Courses: Digital Innovation, Digital Platforms, Digital Strategy,

### Lab Instructor

*Big Data Analytics: Data-driven Business Logic*, Fudan University, MBA course (2015, 2017)

- Instruction Components: Using Weka to predict customer attrition by logistic regression, decision trees, and random forest

### Guest Lecturer

*Statistics for Management*, Huazhong University of Science and Technology, Undergraduate Level 2020

### Teaching Assistant

*Theory Development (IBA9260)*, Georgia State University, college-wide Ph.D. course 2020

*Enterprise Information Management*, Fudan University, EMBA course 2018, 2019

*Management Information Systems*, Fudan University, MBA course 2015, 2017

*Organizational Behavior*, Fudan University, MBA course 2017

*Introduction to Electronic Commerce*, Fudan University, Undergraduate Level 2015

## ACADEMIC SERVICE

---

**Ad-hoc Reviewer** for Electronic Commerce Research and Applications, Journal of Electronic Commerce Research, International Conference on Information Systems (ICIS), European Conference on Information Systems (ECIS), Pacific-Asia Conference on Information Systems(PACIS), China Summer Workshop on Information Management (CSWIM)

## AWARDS

---

Distinguished Doctoral Dissertation, Fudan University, 2019

Outstanding Graduate of Shanghai, Shanghai Municipal Education Commission, 2019

Outstanding Graduation Award of Tianjin University, 2014

National Scholarship, Ministry of Education of the People's Republic of China, 2012

## TECHNICAL SKILLS

---

Statistical/Scientific Software: Stata, SAS, UCINET

Programming Languages: Python, R, C++, Java

Database: Microsoft SQL

## REFERENCES

---

**Dr. Arun Rai** (post-doctoral supervisor, co-author)

Regents' Professor, Howard S. Starks Distinguished Chair, Center for Digital Innovation

J. Mack Robinson College of Business, Georgia State University

Email: arunrai@gsu.edu

Tel: +1 (404) 413-7857

Web: <https://arunrai.us>

**Dr. Ling Xue** (co-author)

Associate Professor, Computer Information Systems

J. Mack Robinson College of Business, Georgia State University

Email: lxue5@gsu.edu

Tel: +1 (404) 413-7367

Web: <https://robinson.gsu.edu/profile/ling-xue/>

**Dr. Hong Ling** (doctorate dissertation committee chair, co-author)

Professor, Department of Information Management and Information Systems

School of Management, Fudan University, China

Email: hling@fudan.edu.cn

Phone: + (86) 021-25011225

Web: <https://www.fdsf.fudan.edu.cn/en/teacher/preview.aspx?UID=1816>

**Dr. Cheng Zhang** (doctorate dissertation committee member, co-author)

Professor, Department Chair of Information Management and Information Systems

School of Management, Fudan University, China

Email: zhangche@fudan.edu.cn

Phone: + (86) 021-25011227

Web: <https://www.fdsf.fudan.edu.cn/en/teacher/preview.aspx?UID=3622>