Zhe (James) Zhang

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Career

Assistant Professor at the University of Texas-Dallas	2015-present
Visiting Assistant Professor at the University of Texas-Dallas	2014-2015

Research Interests

Economics of Information Systems, Pricing Strategy of Information Goods, Piracy of Information Goods, Cloud Computing, SaaS Computing, Daily-deal Websites, Online-to-Offline Business Model

Education

University of California, Irvine, Paul Merage Business School, CA   2009- 2014
Ph.D. in Management (Information Systems)

National University of Singapore, School of Computing, Singapore   2003-2006
Department of Information Systems
Bachelor of Computing (Honors)

Publications

1. Vidyanand Choudhary, Mingdi Xin, and Zhe (James) Zhang, (2021), "Sequential IT Investment: Can the Risk of IT Implementation Failure be Your Friend?", *Information Systems Research*, forthcoming.

2. Zhe (James) Zhang, Shivendu Shivendu and Peng Wang, (2020), "Is investment in data analytics always profitable? The case of third-party-online-promotion marketplace," *Production and Operations Management,* forthcoming.

3. Haozhao Zhang, Zhe (James) Zhang, and Srinivasan Raghunathan, (2020), *"*Is More Better? Divide between Retailer's and Manufacturers' Preferences for Reviews and Review Monetization*," MIS Quarterly,* forthcoming.

4. Vidyanand Choudhary and Zhe (James) Zhang, (2015), "Research Note -- Patching the Cloud: The Impact of SaaS on Patching Strategy and the Timing of Software Release," *Information Systems Research*, 26(4), pp.845-858.

5. Shivendu Shivendu and Zhe (James) Zhang, (2015), "Versioning in the Software Industry: Heterogeneous Disutility from Underprovisioning of Functionality," *Information Systems Research*, 26(4), pp.731-753.

Papers Under Review

"Role of Consumer Targeting in E-commerce Marketplaces: Sponsored versus Organic Product Listing", with Young Kwark and Srinivasan Raghunathan, revise and resubmit at *Information Systems Research*.

Work-in-progress Projects

1. *"Blockchain Governance Paradox: An Empirical Investigation of Collusion and its Consequences in a Blockchain Application,"* with Sailendra Mishra and Eric Zheng

2. "Recommendation System and Consumer Search" with Vidyanand Choudhary

3. "How prediction algorithms effect consumer surplus and bias?" with Amit Mehra

4. "Managing uncertain demand of essential goods during COVID-19: Optimal contracts under Public-Private-Partnership", with Shivendu Shivendu and Roohid Syed

Academic Service and Community Membership

Conference co-chair: Theory in Economics of Information Systems (TEIS) 2020

Session chair: *INFORMS Annual Meeting*, 2016, 2017, 2019

Session chair: *POMS Annual Conference*, 2017, 2020

Program committee: *Conference on Information Systems and Technology* (CIST), 2016, 2017

Journal reviewer: *Information Systems Research, Management Science*, *Management Information Systems Quarterly*, *Production and Operations Management*

Conference reviewers: International Conference on Information Systems (ICIS), Pacific AsiaConference on Information Systems (PACIS)

Membership: Association for Information Systems (AIS), INFORMS Information Systems Society, Production and Operations Management Society (POMS)

Conference Presentations

1. "How prediction algorithms effect consumer surplus and bias?" with Amit Mehra, *Workshop on Information Systems and Economics* (*WISE*), Dec, 2019, Munich, Germany.
2. "Advertising in a Platform" with Young Kwark and Srinivasan Raghunathan, *Conference on Information Systems and Technology(CIST), Oct,* 2019*,* Seattle
3. "Is More Better? Divide between Retailer's and Manufacturers' Preferences for Reviews and Review Monetization," with Haozhao Zhang and Srinivasan Raghunathan, *Theory in Economics of Information Systems (TEIS), Mar,* 2019, Vancouver.
4. Choudhary, Vidyanand, and Zhe Zhang. "Recommender Systems and Consumer Product Search", The 12th China Summer Workshop on Information Management (CSWIM), 2018, Qingdao.
5. Zhe Zhang, Haozhao Zhang, Raghunathan Srinivasan "Generation of Product Reviews on an Online Retailer", The POMS 29th Annual Conference, 2018, Houston.

6. Choudhary, Vidyanand, and Zhe Zhang. "Recommender Systems and Consumer Product Search", *Conference on Information Systems and Technology(CIST), Oct, 2015,* Philadelphia.

7. Shivendu, Shivendu, and Zhe Zhang. "Economics of Daily-deal Website: Advertising and Sampling Effects,"
    a. *Production and Operation Management Society (POMS)* Annual Conference, Atlanta, 2014
    b. *International Conference on Information Systems (**ICIS**)*, Dec, 2013, Milan, Italy.
    c. *Conference on Information Systems and Technology(**CIST**)*, 2013, Minneapolis, MN.
    d. *International Conference on Information Systems (**ICIS**) **Doctoral Consortium***, 2012, Orlando, FL.

8. Shivendu, Shivendu, and Zhe Zhang. "Vertical Differentiated Markets with Costly Under-provisioning: The Case of Versioning in Software Industry," *Conference on Information Systems and Technology(**CIST**)*, 2012, Phoenix, NV.

9. Shivendu, Shivendu, and Zhe Zhang. "Software Pricing in Global Context: Versioning, Piracy and Market Characteristics,"
    a. ***INFORMS** Annual Meeting*, 2012, Phoenix, NV.
    b. *Conference on Information Systems and Technology(**CIST**)*, 2011, Charlotte, NC.

10. Shivendu, Shivendu, and Zhe Zhang. "Versioning Strategy of Information Goods with Network Externality in the Presence of Piracy,"
    a. *Hawaii International Conference on System Sciences (**HICSS**)*, 2012, Maui, HI.
    b. ***INFORMS** Annual Meeting*, 2011, Charlotte, NC.

11. Shivendu, Shivendu, and Zhe Zhang. "Impact of Unbundling on Digital Information Goods Market: A Case of Music Industry,"
    a. *Workshop on Information Systems and Economics (**WISE**)*, 2011, Shanghai, China.
    b. ***INFORMS** Annual Meeting*, 2011, Charlotte, NC.

Honors and Awards

- Reviewer of The Year at *Information Systems Research*   2020
- Nominated for Best Paper Award WISE, Munich, 2019
- Nominated for Best Paper Award ICIS, Milan, 2013
- Nomination for Doctoral Consortium ICIS, Orlando, 2012
- UC Irvine Paul Merage Business School Doctoral Fellowship   2009-2010
- Association of Nanyang University Graduate Scholarship, Singapore   1999-2002

Classroom Teaching

University of Texas-Dallas, Jindal School of Management, TX:

MIS6324 "Business Intelligence Software and Techniques" from 2014 to 2015
MIS6324 "Business Analytics With SAS"   from 2016 to 2020
MIS6356 "Business Analytics With R"   from 2019 to 2021

University of California, Irvine, Paul Merage Business School, CA

MGMT 107: Introduction to Management of Information Systems, undergraduate core class, Summer2013.

Doctoral Committees

Dissertation Committee Member

Haozhao Zhang
Sailendra Mishra

Outside Chair

Lei Cui (Dept of Computer Science, UT Dallas), September 2016
Jesus Alberto Avila Avendano (Dept of Materials Science and Engineering), Nov 2017

Work Experience

Data Modeler, Department of Enterprise Information Service

Oversea Chinese Bank Corporate, Singapore   2007-2009
- Design data strategy for customer analytics solutions for Department of Corporate Banking
- Lead the pilot project of customer profitability for Department of Consumer Analytics
- Organize Teradata FSLDM for Enterprise Data Warehouse
- Data analysis and quality assurance in Basel II project