

Zhipeng Chen

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Education

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| 2015 - 2020 | Ph.D. in Management Information Systems
Eller College of Management, University of Arizona
Adviser: Dr. Daniel D. Zeng
Minor in Marketing |
| 2011 - 2015 | B.E. in Computer Science and Technology (SJTU ACM Class)
Zhiyuan College, Shanghai Jiao Tong University
Adviser: Dr. Xiaotie Deng |

Research Interests

Health informatics, business analytics, social media analytics, deep learning.

Research

Journal Publications

Zhipeng Chen, and Daniel D. Zeng. "Mining Online E-liquid Reviews for Opinion Polarities about E-liquid Features." *BMC public health* 17.1 (2017): 633.

Working Papers

Zhipeng Chen, Yongcheng Zhan, Yong Ge, and Daniel D. Zeng. "A Hierarchical Bayesian Model for Heterogeneous Consumer-Product Relations in Online Reviews."

Zhipeng Chen, Yongcheng Zhan, Zhu Zhang, and Daniel D. Zeng. "Learning User Profiles via Network Locality and Its Application in Regulatory Science: A Deep Learning Approach."

Zhipeng Chen, Daniel D. Zeng, Ryan G.N. Seltzer, and Blake Hamilton. "Automated Planning of Personalized Shock Wave Lithotripsy Treatments via Deep Learning."

Zhipeng Chen, Daniel D. Zeng, Ryan G.N. Seltzer, and Blake Hamilton. "Predicting Shock Wave Lithotripsy Outcomes via Deep Learning."

Yongcheng Zhan, Zhu Zhang, **Zhipeng Chen**, and Daniel D. Zeng. "Illicit and Prescription Opioid Drug Street Name Detection Using Social Media."

Conferences and Workshops

Zhipeng Chen, and Yongcheng Zhan. "Distributed Representations of Users and Locations for Friendship Recommendation on Location-Based Social Network." *AMCIS*. 2019.

Ryan Seltzer, Blake Hamilton, Dane Klett, **Zhipeng Chen**, Stephen Nakada, and Glenn Gerber. "Evaluation of a neural network model with machine learning for predicting optimal shockwave lithotripsy protocols: alignment with known successful treatments." *European Association of Urology Congress*. 2019.

Blake Hamilton, Ryan Seltzer, Dane Klett, **Zhipeng Chen**, Stephen Nakada, and Glenn Gerber. "Algorithm-based tools to improve shockwave lithotripsy outcomes in urology practice: results of implementing interactive, real-time tools." *European Association of Urology Congress*. 2019.

Blake Hamilton, Ryan Seltzer, Dane Klett, **Zhipeng Chen**, Stephen Nakada, and Glenn Gerber. "Algorithm-based tools to improve shockwave lithotripsy outcomes in urology practice: results of implementing interactive, real-time tools." *World Congress of Endourology*. 2019. Best Innovation Paper.

Zhipeng Chen, and Daniel D. Zeng. "Learning User Age via Locality and its Applications: A Deep Learning-based Approach." *INFORMS Annual Meeting*. 2018.

Teaching Experience

Instructor

Spring 2020	MIS 507A: Software Design and Integration, University of Arizona.
Fall 2019	MIS 507: Software Design and Integration, University of Arizona.
Summer 2019	MIS 507A: Software Design and Integration, University of Arizona.
Fall 2018	MIS 507A: Software Design and Integration, University of Arizona.
Summer 2018	MIS 373: Basic Operations Management, University of Arizona.
Summer 2017	MIS 111L: Computers and the Interneted Society Lab, University of Arizona.

Teaching Assistant

Fall 2017	MIS 507: Software Design and Integration, University of Arizona.
Fall 2016	MIS 507: Software Design and Integration, University of Arizona.
Summer 2013	CS 119: Principle and Practice of Computer Algorithms, Shanghai Jiao Tong University.

Professional Experience

Session Chair

The Americas Conference on Information Systems 2019

Member

Association for Information Systems (AIS)

The Institute for Operations Research and the Management Sciences (INFORMS)

Reviewer

Journal reviewer: INFORMS Journal on Computing, IEEE Intelligent Systems, ACM Transactions on Management Information Systems, Information & Management, Social Network Analysis and Mining, ACM Transactions on Social Computing.

Conference reviewer: International Conference on Information Systems 2016, 2018 & 2019.

Research Associate

2015 - 2020 Department of Management Information Systems, University of Arizona.

Fall 2014 Department of Industrial Engineering and Logistics Management, Hong Kong University of Science and Technology.

Certificates and Honors

Certificates

2019 Certificate in Tomorrow's Leaders Equipped for Diversity, University of Arizona.

2018 Certificate in College Teaching, University of Arizona.

Awards

2013 Kai Yuan Scholarship, Shanghai Jiao Tong University.

2012, 2014 Academic Excellence Scholarship, Shanghai Jiao Tong University.