

# Tong Shen

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## EDUCATION

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University of Connecticut, School of Business	Storrs, CT, U.S.
<ul style="list-style-type: none"> <li>• Ph.D., Operations and Information Management</li> <li>• Concentration: Information Systems</li> </ul>	2021 – Present
Zhejiang University	Hangzhou, China
<ul style="list-style-type: none"> <li>• Master of Engineering, Computer Science and Technology</li> <li>• Recipient of National Scholarship (Top 2%)</li> </ul>	2016 – 2019
Nanjing University	Nanjing, China
<ul style="list-style-type: none"> <li>• Bachelor of Science, Computer Science and Technology</li> </ul>	2012 – 2016

## RESEARCH INTERESTS

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Topics: Artificial Intelligence, Blockchain

Methodologies: Econometrics, Machine & Deep Learning, Field Experiments, Analytical Modeling

## WORK IN PROGRESS

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1. Tong Shen, Chen Liang, Jing Peng, Mengchen Guan, and Jianbin Li. Impact of Medical AI on Drug Purchases. (Status: under review)
  - Conferences: CIST 2022, INFORMS 2022, CODE@MIT 2022, AIML 2022, HICSS 2023
2. Chen Liang, Tong Shen, Chunxiao Li, Xi Jing, Shuliu Yuan, and Bin Gu. Stimulating Consumption on a Limited Budget with AI vs. Human: Evidence from A Large-Scale Randomized Field Experiment. (Status: data analysis)
  - Conferences: POMS 2023

## PRE-PHD PUBLICATIONS

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- Optimization for Networking Problems
1. Zhaoquan Gu, Yuexuan Wang, Tong Shen, and F. C. Lau. (2020). On heterogeneous sensing capability for distributed rendezvous in cognitive radio networks. *IEEE Transactions on Mobile Computing*, 20(11), 3211-3226. (IF: 5.577; top EE/CS journal)
  2. Zhaoquan Gu, Tong Shen, Yuexuan Wang, and F. C. Lau. (2019). Efficient rendezvous for heterogeneous interference in cognitive radio networks. *IEEE Transactions on Wireless Communications*, 19(1), 91-105. (IF: 7.016; top EE/CS journal)
  3. Tong Shen, Zhaoquan Gu, Yuexuan Wang, Sivan Toledo, Senran Zhang, and Mingli Song. "Where to Rendezvous? Preferring Quiet Channels in Cognitive Radio Networks." *Proceedings of the 21st ACM International Conference on Modeling, Analysis, and Simulation of Wireless and Mobile Systems (ACM MSWiM 2018 Proceedings)*.
  4. Tong Shen, Yuanxuan Wang, Zhaoquan Gu, Dongda Li, Zhen Cao, Heming Cui, and Francis CM Lau. "Alano: An Efficient Neighbor Discovery Algorithm in an Energy-restricted Large-Scale Network." *Proceedings of the 15th IEEE International Conference on Mobile Ad Hoc and Sensor Systems (IEEE MASS 2018 Proceedings)*.

## CONFERENCE PAPERS AND PRESENTATIONS

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1. Chen Liang, Tong Shen, Chunxiao Li, Xi Jing, Shuliu Yuan, and Bin Gu. Stimulating Consumption on a Limited Budget with AI vs. Human: Evidence from A Large-Scale Randomized Field Experiment. *2023 POMS Annual Conference* (POMS 2023), Orlando, USA.
2. Tong Shen, Chen Liang, Jing Peng, Mengchen Guan, and Jianbin Li. AI Assistant in Online Pharmacy. *2023 Hawaii International Conference on System Sciences* (HICSS 2023), Maui, USA.
3. Tong Shen, Chen Liang, Jing Peng, Mengchen Guan, and Jianbin Li. AI Assistant in Online Pharmacy. *2022 Conference on Artificial Intelligence, Machine Learning, and Business Analytics* (AIML 2022), Boston, USA.
4. Tong Shen, Chen Liang, Jing Peng, Mengchen Guan, and Jianbin Li. AI Assistant in Online Pharmacy. *Conference on Digital Experimentation* (CoDE@MIT 2022), Boston, USA.
5. Tong Shen, Chen Liang, Jing Peng, Mengchen Guan, and Jianbin Li. AI Assistant in Online Pharmacy. *Conference on Information Systems and Technology 2022* (CIST2022), Indianapolis, USA.
6. Tong Shen, Chen Liang, Jing Peng, Mengchen Guan, and Jianbin Li. AI Assistant in Online Pharmacy. *2022 INFORMS Annual Meeting* (INFORMS 2022), Indianapolis, USA.

## INDUSTRY EXPERIENCE

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Management Trainee, Startup Company (B2B E-commerce Platform), Shanghai, China, 2019 - 2021

## TEACHING ASSISTANT EXPERIENCE

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OPIM 3104 Operations Management, University of Connecticut, 2022 Fall, 2022 Spring

OPIM 3103 Information System Management, University of Connecticut, 2021 Fall, 2023 Spring

## REFEREE SERVICES

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International Conference on Information Systems (ICIS) 2023

Pacific Asia Conference on Information Systems (PACIS) 2023

Hawaii International Conference on System Sciences (HICSS) 2023

Workshop on Information Technologies and Systems (WITS) 2022

## PROGRAMMING SKILLS

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R, Python, Stata, SQL, LaTeX, C++, Java, Matlab, etc.

## SELECTED HONORS AND AWARDS

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School of Business Dean's summer fellowship, University of Connecticut, 2022, 2023

National Scholarship (top 2%), Ministry of Education of the PRC, 2018

Outstanding Graduate Leader Award, Zhejiang University, 2018

Graduate of Merit/Triple-A graduate, Zhejiang University, 2018

Award of Honor for Graduate, Zhejiang University, 2018, 2017