Zenan "Alan" Chen

Infomration & Decision Sciences
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Research Interests

Topics	Impacts of IS Artifacts Design and Usage, Generative AI, Digital Platforms
Method	Experiments, Econometrics, Causal Inference, Analytical Modeling, Machine Learning

Education

2018 - 24 (expected)	**University of Minnesota** PhD in Business Administration Dissertation Committee: Jason Chan (Chair), Soumya Sen, Alok Gupta, Colin Agur	Minneapolis, MN
2014 - 18	**The Chinese University of Hong Kong, Shenzhen** BBA in Economics	Shenzhen, China

Grants, Honours & Awards

2022	ICIS Best Paper in General IS Track
2022	ICIS Best Conference Paper Nominee
2022	WITS Best Student Paper ($1000)
2022	Carlson School of Management Dissertation Fellowship ($28,000) Selectively awarded to top students
2022	AMCIS Doctoral Consortium
2021	1st Place, China Bridge Case Competition (as Faculty Mentor, $6000)
2020	Dean's Small Research Grant ($3,000)
2018 - 22	Ph.D. Summer Research Fellowship ($5,000)
2018 - 22	Ph.D. Student Travel Fellowship
2017	Undergraduate Research Award, CUHK(SZ) 0.9% in School of Management and Economics

Working Papers

UNDER REVIEW

Large Language Model in Creative Work:
The Role of Collaboration Modality and User Expertise (Job Market Paper)
Zenan Chen, Jason Chan
    Scheduled Talks: CIST 2023, Business & Generative AI Workshop (Wharton)
    Under Review at *Management Science*

Less is Not Always More: The Impact of Block Difficulty and Immediacy of Social Media Blockers on Work Time
Zenan Chen, Jason Chan
  ICIS 2022 **Best Paper in General IS Track**, **Best Conference Paper Nominee**
  WITS 2022 **Best Student Paper ($1000)**
  Under Review at *Information Systems Research*

The Coordination of Functionality Richness, First-party Content Quality, and Revenue-sharing on Digital Platforms
Zenan Chen, Soumya Sen
  Under Review at *Information Systems Research*

Work-in-progress

Would AI Replace Friends?
Examining the Impact of AI Interaction Frequency on Social Relationships
Zenan Chen, Jason Chan, and Teng Ye
  Data collection underway
  Target journal: *Management Science*

Dynamics of User Preference in the Broadband Market: Implications on Pricing, Broadband Provision, and Coverage
Zenan Chen, Soumya Sen, Alok Gupta
  Model development
  Target journal: *Information Systems Research*

Talks

Large Language Model in Creative Work:
The Role of Collaboration Modality and User Expertise   (Job Market Paper)

2023 / 10	Conference in Information Systems and Technology (CIST)	Phoenix, AZ
2023 / 10	INFORMS Annual Meeting	Phoenix, AZ
2023 / 09	Business & Generative AI Workshop (Wharton)	San Francisco, CA

Less is Not Always More: The Impact of Block Intensity and Immediacy of Social Media Blockers on Work Time

2022 / 12	Workshop on Information Technologies and Systems (WITS)	Copenhagen, Denmark
	Best Student Paper ($1000)	
2022 / 12	International Conference on Information Systems (ICIS)	Copenhagen, Denmark
	Best Paper in General IS Track, Best Conference Paper Nominee	
2022 / 10	Conference on Digital Experimentation (MIT CoDE)	Boston, MA
2022 / 10	Conference in Information Systems and Technology (CIST)	Indianapolis, IN
2022 / 08	Americas Conference on Information Systems (AMCIS)	Minneapolis, MN
2022 / 07	Symposium on Statistical Challenges in e-Commerce Research (SCECR)	Madrid, Spain
2022 / 06	Industry Studies Association (ISA) Annual Conference	Philadelphia, PA

The Coordination of Functionality Richness, First-party Content Quality, and Revenue-sharing on Digital Platforms

2022 / 10	INFORMS Annual Meeting	Indianapolis, IN
2022 / 06	Platform Strategy Symposium (Boston University)	Boston, MA
2021 / 12	Workshop on Information Technologies and Systems (WITS)	Austin, TX

| 2021 / 06 | China Workshop on Economics of Information Systems Theory (CWEIST) | Virtual |
| 2020 / 10 | Conference in Information Systems and Technology (CIST) | Virtual |

Attendance Tracking Apps & Academic Performance: Evidence from a Field Study

| 2021 / 06 | Symposium on Statistical Challenges in e-Commerce Research (SCECR) | Virtual |

Dynamics of User Preference in the Broadband Market: Implications on Pricing, Broadband Provision, and Coverage

| 2020 / 06 | China Workshop on Economics of Information Systems Theory (CWEIST) | Virtual |
| 2019 / 10 | Conference in Information Systems and Technology (CIST) | Seattle, WA |

Teaching

INSTRUCTOR

2020, 21   **IDSC 4444 Descriptive and Predictive Analytics**
Association rules mining, Text mining, Clustering (K-means, hierarchical, etc.),
Classification (K-NN, decision trees, etc.),
Numerical Prediction (linear regression, tree-based methods, etc.)
5.4/6 Instructor evaluation in official anonymous Student Rating of Teaching
4.8/5 on RateMyProfessor.com

TEACHING ASSISTANT

2023	**MSBA 6441** Casual Inference via Econometrics and Experimentation
2019, 20, 22	**MSBA 6410** Exploratory Data Analytics and Visualization
2020	**MSBA 6450** Modeling and Heuristics for Decision Making and Support
2019	**IDSC 6444** Business Analytics for Managers (MBA)
2017	Digital Media Elite Program @ Peking University HSBC Business School

GUEST LECTURES

2022	Workflows for Empirical Research in *R* and *Git*	PhD Student Brownbag
2022	How to Build a Personal Academic Website	PhD Student Brownbag
2019	Intro to Text Mining & Future Directions	Business Analytics for Managers (MBA)

Services

JOURNAL REFEREE

| 2022 - | Management Science |
| 2020 - | Information Systems Research |

CONFERENCE REFEREE

| 2022 - | AMCIS |
| 2019 - | ICIS, CIST, WITS |

OTHER

| 2022 | PhD Student Brownbag Organizer |
| 2021 - | Founding coordinator for *MISQ Insider* (MISQ-affiliated student-led initiative) |

Skills

Programming: Python, R, SQL, C++, JavaScript, TypeScript
Software: Mathematica, Stata, LaTeX
Databases: MySQL, PostgreSQL, MongoDB
OS: macOS, Linux, Windows

References

Jason Chan
Associate Professor, Mary and Jim Lawrence Fellow
Information & Decision Sciences
Carlson School of Management, University of Minnesota
jchancf@umn.edu

Soumya Sen
Associate Professor, McKnight Presidential Fellow
Information & Decision Sciences
Carlson School of Management, University of Minnesota
ssen@umn.edu

Alok Gupta
Senior Associate Dean of Faculty, Research and Administration
Information & Decision Sciences
Carlson School of Management, University of Minnesota
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Side Projects

2023   ChatGPT Quick Actions: a macOS utility to leverage ChatGPT in any applications.
2022   Thread.pub: Twitter-thread-as-a-blog service.
2021 - IS Jobs (isjobs.xyz): a crowdsourced database for Information Systems (IS) job posts.
2020 - Surge.fm: A crowd-sourced news aggregator & tracker.