

Zenan “Alan” Chen

Information & 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	Chinese University of Hong Kong, Shenzhen BBA in Economics	Shenzhen, China

Grants, Honors & Awards

2023	CIST Best Student Paper Award Nominee
2022	ICIS Best Paper in General IS Track
2022	ICIS Best Conference Paper Nominee
2022	WITS Best Student Paper Award (\$1,000)
2022	Carlson School of Management Dissertation Fellowship (\$28,000) Selectively awarded to top students within Carlson School of Management
2022	AMCIS Doctoral Consortium
2021	1 st Place, China Bridge Case Competition (as Faculty Mentor, \$6,000)
2021 - 22	Ph.D. Student International Travel Fellowship (\$1,000)
2020	Dean’s Small Research Grant (\$3,000)
2019 - 22	Ph.D. Student Domestic Travel Fellowship (\$750)
2018 - 22	Ph.D. Summer Research Fellowship (\$5,000)
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

Talks: CIST 2023 (**Best Student Paper Award Nominee**), WISE 2023, MIT CoDE 2023

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

2023 / 12 Workshop on Information Systems and Economics (WISE)

2023 / 11 Conference on Digital Experimentation (MIT CoDE)

2023 / 10 Conference in Information Systems and Technology (CIST)

Best Student Paper Award Nominee

2023 / 10 INFORMS Annual Meeting

2023 / 09 Business & Generative AI Workshop (Wharton)

(Job Market Paper)

Hyderabad, India

Cambridge, MA

Phoenix, AZ

Phoenix, AZ

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)

Best Student Paper (\$1,000)

Copenhagen, Denmark

2022 / 12 International Conference on Information Systems (ICIS)

Best Paper in General IS Track

Best Conference Paper Nominee

Copenhagen, Denmark

2022 / 10 Conference on Digital Experimentation (MIT CoDE)

Cambridge, 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
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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 (Student Rating of Teaching), 4.8/5 (RateMyProfessors.com)
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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 <i>R</i> and <i>Git</i>	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

Referees

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 crowdsourced self-organizing news aggregator & tracker.