

# 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)	<b>University of Minnesota</b> PhD in Business Administration Dissertation Committee: Jason Chan (Chair), Soumya Sen, Alok Gupta, Colin Agur	Minneapolis, MN
2014 - 18	<b>Chinese University of Hong Kong, Shenzhen</b> BBA in Economics	Shenzhen, China

## Grants, Honors & Awards

2023	CIST Best Student Paper Award Runner-up
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 <sup>st</sup> 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  
**Minor revision** at *Management Science*  
Talks: CIST Best Student Paper Runner-up, MIT CoDE, WISE 2023

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

Zenan Chen, Jason Chan

**Revise and resubmit** at *Information Systems Research*

ICIS 2022 **Best Paper in General IS Track**, **Best Conference Paper Nominee**

WITS 2022 **Best Student Paper (\$1000)**

## **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**

## CONFERENCES & WORKSHOPS

### **Large Language Model in Creative Work:**

#### **The Role of Collaboration Modality and User Expertise**

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

2023 / 12 Workshop on e-Business (WeB)

2023 / 12 Conference on AI/ML and Business Analytics

2023 / 11 Conference on Digital Experimentation (MIT CoDE)

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

🌿 Best Student Paper Award Runner-up 🌿

2023 / 10 INFORMS Annual Meeting

2023 / 09 Business & Generative AI Workshop (Wharton)

**(Job Market Paper)**

Hyderabad, India

Hyderabad, India

Philadelphia, PA

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)

2022 / 12 International Conference on Information Systems (ICIS)

🌿 Best Paper in General IS Track 🌿

🌿 Best Conference Paper Nominee 🌿

2022 / 10 Conference on Digital Experimentation (MIT CoDE)

2022 / 10 Conference in Information Systems and Technology (CIST)

2022 / 08 Americas Conference on Information Systems (AMCIS)

Copenhagen, Denmark

Copenhagen, Denmark

Cambridge, MA

Indianapolis, IN

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

INVITED TALKS

2023 / 10 CUHK  
 2023 / 11 HKU, UT Dallas, Northeastern University  
 2023 / 12 John Hopkins University, University of Rochester

**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)

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, L <sup>A</sup> T <sub>E</sub> X
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](mailto:jchancf@umn.edu)

### Soumya Sen

Associate Professor, McKnight Presidential Fellow  
Information & Decision Sciences  
Carlson School of Management, University of Minnesota  
[ssen@umn.edu](mailto:ssen@umn.edu)

### Alok Gupta

Senior Associate Dean of Faculty, Research and Administration  
Information & Decision Sciences  
Carlson School of Management, University of Minnesota  
[gupta037@umn.edu](mailto:gupta037@umn.edu)

## Side Projects

2023 [ChatGPT Quick Actions](#): a macOS utility to leverage ChatGPT in any applications.  
2021 - [IS Jobs \(isjobs.xyz\)](#): a crowdsourced database for Information Systems (IS) job posts.  
2020 - [Surge.fm](#): A crowdsourced self-organizing news aggregator & tracker.

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