Kai Zhu

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Montreal, Quebec, Canada
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ACADEMIC POSITIONS

2021 - now Assistant Professor, McGill University

EDUCATION

2021 Ph.D. in Information Systems, Boston University
2015 M.A. in Economics, Indiana University
2013 B.A. in Economics, Peking University
2011 B.S. in Computer Science, Beijing Language and Culture University

EXPERIENCE

2019 - 2020 Academic Consultant, Alibaba Group

- Design and conduct field experiments to test polices of intellectual property for a massive scale online marketplace

2011 - 2013 Research Associate, Language and Artificial Intelligence Lab - BLCU

- Work on symbolic approach to Artificial Intelligence

SKILLS

Methodology:
Causal Inference, Machine Learning, Deep Learning, Natural Language Processing

Programming:
Python, R, C/C++

Other Tools:
Cluster Computing, Hadoop, MySQL, Stata, BigQuery

RESEARCH

PUBLICATIONS

Kai Zhu, Dylan Walker, and Lev Muchnik (2020) "Content Growth and Attention Contagion in Information Networks: Addressing Information Poverty on Wikipedia" *Information Systems Research*, 31(2): 491-509.
- Winner of Wikimedia Foundation Research Award of the Year 2021

Masha Krupenkin, Kai Zhu, Dylan Walker, David Rothschild (2022) "If a Tree Falls in the Forest: Presidential Press Conferences and Early Media Narratives about the COVID-19 Crisis." *Journal of Quantitative Description: Digital Media*, 2.

WORKING PAPER

Any Feedback is Welcome: Peer Feedback and User Behavior on Digital Platforms
- *with Warut Khern-Am-Nual and Yinan Yu*
- Nominated for Best Emergent Research Forum Paper at AMCIS 2021
- Revise & Resubmit at *Production and Operation Management*

Is It Time for a Platform Magna Carta?
- *with Dylan Walker and Marshall Van Alstyne*

Platform Monetization and Unintended Consequences for Digital Cultural Markets: Evidence from a Two-sided Market for Books
- *with Qiaoni Shi and Shrabastee Banerjee*

Bridge the Digital Language Divide: Can Machine Translation Narrow Knowledge Gap across Different Languages?

WORK IN PROGRESS

How Media Ownership Impacts Information Skews: A Study of Televised News Using Massive-Scale Text Transcripts

Measuring Diversity and Novelty on Digital Platforms: A Representation Learning Approach

Understanding Corporate Social Advocacy in the Digital Age

Early Publications on Symbolic Approach to Artificial Intelligence

Attribute Reduction Approaches for General Relation Decision Systems (2015), Guilong Liu, Ling Li, Jitao Yang, Yanbin Feng, Kai Zhu, *Pattern Recognition Letters* 65, 81-87

The Relationship among Three Types of Rough Approximation Pairs (2014), Guilong Liu, Kai Zhu, *Knowledge-Based Systems* 60, 28-34

PRESENTATION

Platform Monetization and Unintended Consequences for Digital Cultural Markets: Evidence from a Two-sided Market for Books
- Conference of Digital on Experimentation 2021
- Bocconi University 2022
- European Marketing Academy Annual Conference 2022
- Statistical Challenges in E-commerce Research 2022

Bridge the Digital Language Divide: Can Machine Translation Narrow Knowledge Gap across Different Languages?
- Wiki Workshop 2022
- McGill University Annual Research Event 2022
- Statistical Challenges in E-commerce Research 2022

Content Growth and Attention Contagion in Information Networks: Addressing Information Poverty on Wikipedia
- World Wide Web Conference 2017
- Conference on Digital Experimentation 2017
- Workshop of Information System and Economics 2017
- Statistical Challenge of e-Commerce Research 2018
- Harvard Business School 2018
- Workshop on Experimental and Behavioral Economics in Information Systems 2019
- WikiWorkshop 2020
- Microsoft Research NYC 2020
- McGill University 2020
- Wikimedia Research Showcase 2021

How Media Ownership Impacts Information Skews: A Study of Televised News Using Massive-Scale Text Transcripts
- Politics and Computational Social Science 2018
- Statistical Challenge of e-Commerce Research 2019
- Workshop on Information Systems and Economics 2019
- Boston University 2020
- Microsoft Research NYC 2020

If a Tree Falls in the Forest: COVID-19, Media Choices, and Presidential Agenda Setting
- International AAAI Conference on Web and Social Media 2020
- Politics and Computational Social Science (PaCSS) Conference 2020
- Boston University - Institute for Health System Innovation and Policy 2020

Any Feedback is Welcome: Peer Feedback and User Behavior on Digital Platforms

- American Conference on Information Systems 2021
- Statistical Challenge of e-Commerce Research 2021
- Conference for Information Systems and Technologies 2021

TEACHING

Data Mining for Business Analytics
- *Spring 2021, Spring 2022*

Neural Network and Deep Learning
- *Spring 2022*

SERVICE

Reviewer
- Management Science
- MIS Quarterly
- Information Systems Research
- Production and Operations Management