Kai Zhu

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ACADEMIC POSITIONS

2020 - now   Assistant Professor of Information Systems, McGill University

EDUCATION

2020   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 - Now   Academic Consultant, Alibaba Group

- Design and conduct field experiments to test intellectual property policies for a massive scale online e-commerce platform

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

- Work on symbolic approach to Artificial Intelligence

SKILLS

Methodology:

Econometrics, Causal Inference, Machine Learning and Deep Learning, Text Mining

Programming:

- Primary: Python, R, and SQL
- Secondary: Stata, Java, Matlab, C/C++

Other Tools:

Cluster Computing, Hadoop, MySQL, BigQuery

PAPERS

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.

- ○ Conference Presentations: *WWW 2017, CODE 2017, WISE 2017, SCECR 2018, HBS 2018, WEBEIS 2019, Wikiworkshop 2020*

WORKING PAPER

If a Tree Falls in the Forest: COVID-19, Media Choices, and Presidential Agenda Setting

- ○ *with Masha Krupenkin, Dylan Walker, David Rothschild*
- ○ Conference Presentations: *ICWSM 2020, PaCSS 2020*

A Warped Mirror: Skewed Coverage of Gun Violence in Mass Media

- ○ *with Dylan Walker*
- ○ Conference Presentations: *BU Social Impact 2019, SCECR 2020*

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

- ○ *with Dylan Walker*
- ○ Conference Presentations: *PaCSS 2018, SCECR 2019, WISE 2019*

WORK IN PROGRESS

Negative Peer Feedback in Online Communities: The Role of Downvote for User Generated Content

- ○ *with Warut Khern-Am-Nual and Yinan Yu*

Platform Monetization and Innovation Inequity: a Natural Experiment on Goodreads

- ○ *with Qiaoni Shi*

Combating Health-Related Misinformation on Social Media: A Randomized Experiment

- ○ *with Dylan Walker*

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

TEACHING

Instructor   Introduction to Information Systems
- *Instructor rating: Mean - 4.5 out of 5, Median - 5 out of 5*

Other   Deep Learning for Business Analytics
- *Contribute to course development*

SERVICE

Reviewer

Journal:
- Management Science

Conference:
- Conference of Information Systems and Technology (CIST: 2017, 2018, 2019, 2020)
- International Conference of Information System (ICIS: 2018, 2019, 2020)
- Workshop of Social Influence (SI: 2018)