

Kai Zhu

595 Commonwealth Ave, Room 608
Boston, Massachusetts, USA
✉ kaizhublcu@gmail.com
🌐 <https://kaizhu.me>

ACADEMIC POSITIONS

2021 - now Assistant Professor of Information Systems, 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 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.

- Winner of Wikimedia Foundation Research Award of the Year 2021
- Conference Presentations: *WWW 2017, CODE 2017, WISE 2017, SCECR 2018, HBS 2018, WEBEIS 2019, WWW Wikiworkshop 2020, Wikimedia Research Showcase 2021*

WORKING PAPER

Is It Time for a Platform Magna Carta?

- *with Dylan Walker and Marshall Van Alstyne*

Platform Monetization in Two-sided Markets: Unintended Consequences on Supply Concentration and Demand Mismatch

- *with Qiaoni Shi and Shrabastee Banerjee*

Machine Translation and Knowledge Equity: A Natural Experiment on Wikipedia

WORK IN PROGRESS

Understanding Consumption Diversity on Digital Platforms: A Neural Embedding Approach

Collective Attention during Social Movements: A Perspective from the Information Ecosystem

Any Feedback is Welcome: Peer Feedback and User Behavior in Online Communities

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

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*

Instructor Data Mining for Business Analytics

- *Spring 2021*

- Other** Python and Neural Networks
- *Contribute to course development*

SERVICE

Reviewer

Journal:

- Management Science, MIS Quarterly, Information Systems Research

Conference:

- Conference of Information Systems and Technology (CIST: 2017, 2018, 2019, 2020, 2021)
- International Conference of Information System (ICIS: 2018, 2019, 2020, 2021)
- Workshop of Social Influence (SI: 2018)