

Ka Chung (Boris) NG

Doctoral Student of Information Systems

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EDUCATION

Hong Kong University of Science and Technology

Sep 2016 - Now

Doctor of Philosophy in Information Systems

Supervisors: Prof. Kar Yan TAM and Prof. Mike K P SO

Georgia State University

Jan 2020 - Jun 2020

Visiting Scholar

Supervisor: Prof. Arun RAI

Hong Kong University of Science and Technology

Aug 2012 - Dec 2015

BSc in Risk Management and Business Intelligence

Minor in Actuarial Mathematics

Minor in Information Technology

RESEARCH INTERESTS

Topics Fintech, Business Analytics, Big Data, Social Network, Fake News

Methods Machine Learning, Deep Learning, Statistical Network Modeling, Natural Language Processing, Field/Lab Experiment, Econometrics, Survey, Structural Equation Modeling

PUBLICATIONS

- Ka Chung NG**, Mike K P SO and Kar Yan TAM “A Latent Space Modeling Approach to Interfirm Relationship Analysis,” *ACM Transactions on Management Information Systems*. 12, 2 (2021), 10.
<https://dl.acm.org/doi/10.1145/3424240>
- Ka Chung NG**, Xiaojun ZHANG, James Y L THONG and Kar Yan TAM “Protecting Against Threats to Information Security: An Attitudinal Ambivalence Perspective”
 - **Accepted**, *Journal of Management Information Systems*
- Ka Chung NG**, Jie TANG and Dongwon LEE “An Empirical Examination of the Effect of Platform Interventions on Fake News Dissemination and Survival”
 - **Conditionally Accepted with Minor Revision**, *Journal of Management Information Systems*

MANUSCRIPTS UNDER REVIEW

- Ka Chung NG**, Ping Fan KE and Kar Yan TAM “Application of Domain Adaptive Transfer Learning to Predict Deceptive Content”
 - **In preparation for the 2nd Round of Review**, *MIS Quarterly*

RESEARCH IN PROGRESS

- Inferring Fake News Perception in Finance Using Domain Adaptive Transfer Learning (work in progress with Ping Fan KE, Mike K P SO and Kar Yan TAM)
 - Target Journal: *Information Systems Research*
- Toward a Trustworthy AI System (work in progress with Arun RAI and Kar Yan TAM)

CONFERENCE PROCEEDINGS AND PRESENTATIONS

1. Jiali Zhou and **Ka Chung NG** “Online Media Causes Biased Stock Investment: Evidence from a Regression-Discontinuity Design,” In *Proceedings of 2020 International Conference on Information Systems (ICIS)*, Hyderabad, India, Dec 13-16, 2020
2. **Ka Chung NG**, Ping Fan KE and Kar Yan TAM “Distillation of News Deception into Textual Analysis Using Domain Adaptation Learning,” *The INFORMS 2020 Annual Meeting*, National Harbor, Maryland, Nov 2020.
3. **Ka Chung NG**, Ping Fan KE, Mike K P SO and Kar Yan TAM “Inferring Deceptive Cues in Financial News: An Application of Domain Adaptation Learning,” *2020 Pre-AMCIS SIGBPS Workshop on Blockchain and Financial Analytics*, Aug 2020.
4. **Ka Chung NG**, Jie TANG and Dongwon LEE “Will Fake News Survive Platform Intervention? Examining the Impact of Forwarding Restriction on Fake News Survival”, *The 6th Symposium on Statistical Challenges in Electronic Commerce Research (SCECR)*, Madrid, Spain, Jun 2020
5. Jie TANG and **Ka Chung NG** “Reposts Influencing the Effectiveness of Social Reporting System: An Empirical Study from Sina Weibo,” In *Proceedings of 2019 International Conference on Information Systems (ICIS)*, Munich, Germany, Dec 15-18, 2019
6. **Ka Chung NG**, Ping Fan KE, Mike K P SO and Kar Yan TAM “Financial News Credibility Measurement and Analysis,” *The 11th International Association for Statistical Computing (IASC-ARS) 2019 Conference*, Hong Kong, Dec 2019
7. **Ka Chung NG**, Mike K P SO and Kar Yan TAM “Interfirm Relationship Analysis for Dynamic and Dual-View Company Networks: A Latent Space Modeling Approach,” *The 3rd International Conference on Econometrics and Statistics (EcoSta)*, Taipei, Taiwan, Jun 2019

TEACHING EXPERIENCE

Data Mining for Business Analytics (ISOM 3360)

Jul 2020 - Aug 2020

- Course and Lab Instructor
- Course Content: supervised learning (decision tree, logistic regression, naïve Bayes); unsupervised learning (clustering, association rule); social networks; model evaluation; deep learning (CNN, RNN); python programming
- Instructor Evaluation: **87.5/100**

Big Data Analytics (ISOM 5270)

Sep 2019 - Dec 2019

- Teaching Assistant

Introduction to Information Systems (ISOM 2010)

Sep 2016 - Dec 2019

- Lab Instructor

AWARDS AND ACHIEVEMENTS

Dean’s PhD Fellowship for Research Excellence

2020 - 2021, 2017 - 2018

Oversea Study Award

2019

Li Po Chun Charitable Trust Fund Scholarship

2017 - 2018

Dean’s List, HKUST

2015

University Scholarships, HKUST

2012

SERVICES

Reviewer

Journals

MISQ, JMIS, IJIM, IJEC

Conferences

PACIS, ICIS, CSWIM

INDUSTRY CONSULTING AND RESEARCH PARTNERSHIP

China CITIC Bank International Limited

2018

- Develop an NLP model to detect suspicious addresses within SWIFT free text for anti-money laundering

Pizza Hut

2017 - 2018

- Develop an online survey for understanding consumer engagement
- Apply social network analysis to coupon and reward point transfer networks to understand consumer interaction

Information Technology Services Center (HKUST)

2016 - 2017

- Develop an online survey to understand students' internet protection behavior

REFERENCES

Arun RAI

Regents' Professor and Robinson Chair
Director and Co-founder, Center for Digital Innovation
Director, CDIN Doctoral Program
Robinson College of Business
Georgia State University
Atlanta, GA, 30303
Email: arunrai@gsu.edu
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James Y L THONG

Michael Jepsen Professor of Business
Chair Professor of Information Systems
Senior Editor, *MIS Quarterly*
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