

EDUCATION

2015 – 2020 (expected)	Eller College of Management, University of Arizona, US Doctor of Philosophy (Ph.D.) Advisor: Dr. Daniel Dajun Zeng Major: Management Information Systems Minor: Statistics
2010 – 2014	School of Mathematical Science, Shanghai Jiao Tong University, China Bachelor's Degree (B.S.) Major: Mathematics and Applied Mathematics Minor: Computer Science (non-degree)

RESEARCH INTERESTS

Applications	<ul style="list-style-type: none">– Crowdsourcing, Crowd Intelligence, Crowd Computing– Fake News Detection– Intention Mining in Social Media
Methods	<ul style="list-style-type: none">– Statistical Machine Learning– Probabilistic Modeling and Inference– Deep Learning and Deep Generative Models

SELECTED HONORS & AWARDS

2018	Best Paper Award, Workshop on Information Technologies and Systems (WITS), 2018
2017	Best Paper Award Runner-up, INFORMS Workshop on Data Science, 2017
2014	Outstanding Graduate of Shanghai (top 5%)
2013	National First Prize of China Undergraduate Mathematical Contest in Modeling
2013	Guanghua Scholarship, Shanghai Jiao Tong University

JOURNAL PUBLICATIONS

- Mingyue Zhang, **Xuan Wei**, Xunhua Guo, Guoqing Chen, and Qiang Wei (2019), “Identifying Complements and Substitutes of Products: A Neural Network Framework Based on Product Embedding.” *ACM Transactions on Knowledge Discovery from Data (TKDD)*, 13(3).
- Mingyue Zhang, **Xuan Wei**, and Guoqing Chen (2018), “Maximizing the Influence in Social Networks via Holistic Probability Maximization.” *International Journal of Intelligent Systems*, 33(10), 2038-2057.

SELECTED JOURNAL PAPERS UNDER REVIEW

- Jerry Luo, Susan Brown, **Xuan Wei**, Daniel Dajun Zeng, and Junming Yin, “Towards Better Learning from Crowd Labeling: A Variational Inference Approach.” Major Revision (1st Round) at *Information Systems Research (ISR)* (selected to present on Special Issue Workshop).

REFEREED CONFERENCE PROCEEDINGS

- Dong Xie, Guanru Li, Bin Yao, **Xuan Wei**, Xiaokui Xiao, Yunjun Gao, and Minyi Guo (2016), “Practical

Private Shortest Path Computation Based on Oblivious Storage.” *International Conference on Data Engineering (ICDE)*, Helsinki, Finland.

WORKSHOPS (*indicates I was presenting the work)

- **Xuan Wei**, Daniel Dajun Zeng, Junming Yin, “From Multi-Class to Multi-Label: A Bayesian Approach to Annotation Aggregation in Crowdsourcing.”
 - INFORMS Annual Meeting, Houston, TX, 2017*
 - Conference on Information Systems and Technology (CIST), Houston, TX, 2017*
 - INFORMS Workshop on Data Science, Houston, TX, 2017* (**Best Paper Award Runner-up**)
- **Xuan Wei**, Daniel Dajun Zeng, Scott Leischow, Analyzing the Impact of “The Real Cost” Campaign
 - Society for Research on Nicotine and Tobacco (SRNT), Baltimore, MD, 2017*
- **Xuan Wei**, Mingyue Zhang, “Is Non-persistent Social Status a More Useful Incentive Mechanism? Evidence from Yelp Elite Squad.”
 - INFORMS Annual Meeting, Phoenix, AZ, 2018
- Jerry Luo, **Xuan Wei**, Daniel Dajun Zeng, Junming Yin, “Towards Better Learning from Crowd Labeling: A Variational Inference Approach.”
 - Workshop on Information Technologies and Systems (WITS), Phoenix, AZ, 2018 (**Best Paper Award**)

PROFESSIONAL SERVICE

- Journal Reviewer
 - Management Information Systems Quarterly (MISQ)
 - Information Systems Research (ISR)
 - INFORMS Journal on Computing (JOC)
 - Decision Support Systems (DSS)
 - ACM Transactions on Management Information Systems (TMIS)
 - Social Network Analytics and Mining (SNAM)
 - IEEE Intelligent Systems
- Conference Reviewer
 - Neural Information Processing Systems (NIPS), 2018
 - International Conference on Artificial Intelligence and Statistics (AISTATS), 2017
 - International Conference on Information Systems (ICIS), 2017-2018
 - INFORMS Workshop on Data Science, 2017
 - European Conference on Information Systems (ECIS), 2018

TEACHING EXPERIENCE

- **Instructor**, University of Arizona, Summer 2019
 - MIS 373: Basic Operations Management (scheduled)
- **Teaching Assistant**, University of Arizona, Fall 2015 – 2017
 - MIS 507: Software Design and Integration
- **Certificate**, University of Arizona (in progress, 2/3)

- Certificate in College Teaching: 10-unit graduate program in learner-centered teaching

PROFESSIONAL AFFILIATIONS

- Institute for Operations Research and the Management Sciences (INFORMS), student member, since 2017

WORKING EXPERIENCE

2015 – Current	Eller College of Management, University of Arizona, US <i>Research Assistant</i>
Summer 2015	Shanghai Touyuan Financial Information Service Co. Ltd. <i>Technician</i>

RELEVANT TECHNICAL SKILLS

- Programming Languages: Python, C/C++, Java, R, MATLAB, SAS, SQL, PL/SQL
- Databases: MySQL, Oracle, Redis, MongoDB
- Web Development: HTML, CSS, JavaScript, Bootstrap
- Visualization Tools: Gephi
- Deep Learning Programming Frameworks: Tensorflow, Keras
- Others: Latex, Git

REFERENCES

- **Daniel Dajun Zeng (Advisor & Dissertation Committee Chair)**
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