

# Meng Jiang

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CONTACT INFORMATION	326C Cushing Hall Department of Computer Science and Engineering, College of Engineering University of Notre Dame Notre Dame, IN 46556, USA Google Scholar: #citation = 1308, H-index = 16 <ul style="list-style-type: none"><li>• <a href="https://scholar.google.com/citations?user=LZIPfCkAAAAJ">https://scholar.google.com/citations?user=LZIPfCkAAAAJ</a></li></ul>	Phone: (+1) (574) 631-7454 E-mail: <a href="mailto:mjiang2@nd.edu">mjiang2@nd.edu</a> <a href="http://www.meng-jiang.com">http://www.meng-jiang.com</a>
RESEARCH INTERESTS	Data-driven approaches towards online behavior modeling <ul style="list-style-type: none"><li>• Context: Social media and spatiotemporal data mining</li><li>• Content: Text data mining and information extraction</li><li>• Intention: Unexpected density and anomaly detection</li></ul> Applications on modeling online user behaviors <ul style="list-style-type: none"><li>• Online behavior prediction</li><li>• Fraud and spam detection</li><li>• Social recommender systems</li><li>• Event summarization</li><li>• Mission planning</li><li>• Effective teaching</li></ul>	
WORK EXPERIENCE	University of Notre Dame, IN, US <ul style="list-style-type: none"><li>• Tenure-track assistant professor, Department of Computer Science and Engineering, College of Engineering</li></ul> University of Illinois at Urbana-Champaign, IL, US <ul style="list-style-type: none"><li>• Postdoctoral Research Associate in Data Mining Group, Computer Science</li><li>• Advisor: Abel Bliss Professor Jiawei Han</li></ul> University of Maryland, College Park, MD, US <ul style="list-style-type: none"><li>• Visiting Researcher in Institute for Advanced Computer Studies</li><li>• Advisor: Professor VS Subrahmanian</li></ul>	since August 2017 August 2015 – August 2017 June 2016 – July 2016
EDUCATION EXPERIENCE	Tsinghua University, Beijing, China <ul style="list-style-type: none"><li>• Ph.D. of Engineering in Computer Science with <i>Dissertation Award</i></li><li>• Advisor: Professor Shiqiang Yang</li><li>• Thesis: Modeling complex behaviors in social media</li></ul> Carnegie Mellon University, Pittsburgh, PA, US <ul style="list-style-type: none"><li>• Visiting Ph.D. Student in Database Group, Computer Science</li><li>• Advisor: Professor Christos Faloutsos</li></ul> Tsinghua University, Beijing, China <ul style="list-style-type: none"><li>• Bachelor of Engineering in Computer Science with <i>Excellent Thesis Award</i></li><li>• Thesis: Reranking news feeds in social recommender systems</li></ul>	August 2010 – July 2015 August 2012 – May 2013 August 2006 – July 2010
REFEREED JOURNAL PUBLICATIONS	[J11] Jingbo Shang, Jialu Liu, <b>Meng Jiang</b> , Xiang Ren, Clare R. Voss and Jiawei Han. “Automated Phrase Mining from Massive Text Corpora”, in IEEE Transactions on Knowledge and Data Engineering (TKDE), vol. 30, no. 10, pp. 1825-1837, 2018. (Impact Factor = 2.476)	
	[J10] Jingbo Shang, <b>Meng Jiang</b> , Wenzhu Tong, Jinfeng Xiao, Jian Peng and Jiawei Han. “DPPred: An Effective Prediction Framework with Concise Discriminative Patterns”, in IEEE Transactions on Knowledge and Data Engineering (TKDE), vol. 30, no. 7, pp. 1225-1239, 2018. (Impact Factor = 2.476)	
	[J9] Kun Kuang, <b>Meng Jiang</b> , Peng Cui, Jiashen Sun and Shiqiang Yang. “Effective Promotional Strategies Selection in Social Media: A Data-Driven Approach”, in IEEE Transactions on Big Data (TBD), vol. 4, no. 4, pp. 487-501, 2018.	

[J8] Huan Gui, Jialu Liu, Fangbo Tao, **Meng Jiang**, Brandon Norick, Lance Kaplan and Jiawei Han. "Embedding Learning with Events in Heterogeneous Information Networks", in IEEE Transactions on Knowledge and Data Engineering (TKDE), vol. 29, no. 11, pp. 2428-2441, 2017. (Impact Factor = 2.476)

[J7] **Meng Jiang**, Alex Beutel, Peng Cui, Bryan Hooi, Shiqiang Yang and Christos Faloutsos. "Spotting Suspicious Behaviors in Multimodal Data: A General Metric and Algorithms", in IEEE Transactions on Knowledge and Data Engineering (TKDE), vol. 28, no. 8, pp. 2187-2200, 2016. (Impact Factor = 2.476)

[J6] **Meng Jiang**, Peng Cui and Christos Faloutsos. "Suspicious Behavior Detection: Current Trends and Future Directions", Special Issue on Online Behavioral Analysis and Modeling, in IEEE Intelligent Systems, vol. 31, no. 1, pp. 31-39, 2016. (Survey, Impact Factor = 3.532)

[J5] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Catching Synchronized Behaviors in Large Networks: A Graph Mining Approach", Special Issue on the Best of SIGKDD 2014, in ACM Transactions on Knowledge Discovery from Data (TKDD), vol. 10, no. 4, article no. 35, 2016. (3 among 146 accepted SIGKDD 2014 papers and 1,036 submissions, Impact Factor = 1.000)

[J4] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Inferring Lockstep Behavior from Connectivity Pattern in Large Graphs", in Knowledge and Information Systems (KAIS), vol. 48, no. 2, pp. 399-428, 2015. (Impact Factor = 1.702)

[J3] **Meng Jiang**, Peng Cui, Xumin Chen, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Social Recommendation with Cross-Domain Transferable Knowledge", in IEEE Transactions on Knowledge and Data Engineering (TKDE), vol. 27, no. 11, pp. 3084-3097, 2015. (Impact Factor = 2.476)

[J2] **Meng Jiang**, Peng Cui, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Scalable Recommendation with Social Contextual Information", in IEEE Transactions on Knowledge and Data Engineering (TKDE), vol. 26, no. 11, pp. 2789-2802, 2014. (Impact Factor = 2.476)

[J1] Lu Liu, Feida Zhu, **Meng Jiang**, Jiawei Han, Lifeng Sun and Shiqiang Yang. "Mining Diversity on Social Media Networks", in Multimedia Tools and Applications (MTA), vol. 56, no. 1, pp. 179-205, 2012. (Impact Factor = 1.331)

REFEREED  
CONFERENCE  
PUBLICATIONS

[C23] Tong Zhao<sup>+</sup>, Matthew Malir<sup>+</sup> and **Meng Jiang**. "Actionable Objective Optimization for Suspicious Behavior Detection on Large Bipartite Graphs", in IEEE International Conference on Big Data (BigData), 2018. (Regular; <sup>+</sup> for advisees)

[C22] Fangbo Tao, Chao Zhang, Xiusi Chen, **Meng Jiang**, Tim Hanratty, Lance Kaplan and Jiawei Han. "Doc2Cube: Allocating Documents to Text Cube without Labeled Data", in IEEE International Conference on Data Mining (ICDM), 2018.

[C21] Yukun Ding, Jinglan Liu, Jinjun Xiong, **Meng Jiang** and Yiyu Shi. "Optimizing Boiler Control in Real-Time with Machine Learning for Sustainability", in ACM International Conference on Information and Knowledge Management (CIKM), 2018.

[C20] Sendong Zhao, **Meng Jiang**, Ming Liu, Bing Qin and Ting Liu. "CausalTriad: Toward Pseudo Causal Relation Discovery and Hypotheses Generation from Medical Text Data", in ACM International Conference on Bioinformatics, Computational Biology, and Health Informatics (BCB), 2018. (Regular paper with oral presentation)

- [C19] Daheng Wang<sup>+</sup>, **Meng Jiang**, Qingkai Zeng<sup>+</sup>, Zachary Eberhart and Nitesh Chawla. “Multi-Type Itemset Embedding for Learning Behavior Success”, in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. (Long presentation, acceptance rate = 10.9%; <sup>+</sup> for advisees)
- [C18] **Meng Jiang**<sup>\*</sup>, Qi Li<sup>\*</sup>, Xikun Zhang, Meng Qu, Timothy Hanratty, Jing Gao and Jiawei Han. “TruePIE: Discovering Reliable Patterns in Pattern-Based Information Extraction”, in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. (Long presentation, acceptance rate = 10.9%; <sup>\*</sup> for equal contribution)
- [C17] Chao Zhang, Fangbo Tao, Xiushi Chen, Jiaming Shen, **Meng Jiang**, Brian Sadler, Michelle Vanni and Jiawei Han. “TaxoGen: Constructing Topical Concept Taxonomy by Adaptive Term Embedding and Clustering”, in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. (Long presentation, acceptance rate = 10.9%)
- [C16] **Meng Jiang**, Jingbo Shang, Taylor Cassidy, Xiang Ren, Lance Kaplan, Timothy Hanratty and Jiawei Han. “MetaPAD: Meta Pattern Discovery from Massive Text Corpora”, in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017.
- [C15] Kun Kuang, Peng Cui, Bo Li, **Meng Jiang** and Shiqiang Yang. “Estimating Treatment Effect in the Wild via Differentiated Confounder Balancing”, in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017. (Oral)
- [C14] Sendong Zhao, **Meng Jiang**, Quan Yuan, Bing Qin, Ting Liu and Chengxiang Zhai. “ContextCare: Incorporating Contextual Information Networks to Representation Learning in Medical Forum Data”, in International Joint Conference on Artificial Intelligence (**IJCAI**), 2017.
- [C13] Kun Kuang, Peng Cui, Bo Li, **Meng Jiang**, Shiqiang Yang and Fei Wang. “Treatment Effect Estimation with Data-Driven Variable Decomposition”, in AAAI Conference on Artificial Intelligence (**AAAI**), 2017.
- [C12] Kun Kuang, **Meng Jiang**, Peng Cui, Shiqiang Yang. “Steering Social Media Promotions with Effective Strategies”, in IEEE International Conference on Data Mining (**ICDM**), 2016.
- [C11] Huan Gui, Jialu Liu, Fangbo Tao, **Meng Jiang**, Brandon Norrick, Jiawei Han. “Large-Scale Embedding Learning in Heterogeneous Event Data”, in IEEE International Conference on Data Mining (**ICDM**), 2016.
- [C10] **Meng Jiang**, Christos Faloutsos and Jiawei Han. “CatchTartan: Representing and Summarizing Dynamic Multicontextual Behaviors”, in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2016. (Oral)
- [C9] **Meng Jiang**, Peng Cui, Nicholas Jing Yuan, Xing Xie and Shiqiang Yang. “Little is Much: Bridging Cross-Platform Behaviors through Overlapped Crowds”, in AAAI Conference on Artificial Intelligence (**AAAI**), 2016.
- [C8] **Meng Jiang**, Alex Beutel, Peng Cui, Bryan Hooi, Shiqiang Yang and Christos Faloutsos. “A General Suspiciousness Metric for Dense Blocks in Multimodal Data”, in IEEE International Conference on Data Mining (**ICDM**), 2015.
- [C7] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang.

“CatchSync: Catching Synchronized Behavior in Large Directed Graphs”, in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2014. (**Best Paper Finalist**)

[C6] **Meng Jiang**, Peng Cui, Fei Wang, Xinran Xu, Wenwu Zhu and Shiqiang Yang. “FEMA: Flexible Evolutionary Multi-faceted Analysis for Dynamic Behavioral Pattern Discovery”, in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2014.

[C5] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. “Inferring Strange Behavior from Connectivity Pattern in Social Networks”, in Pacific-Asia Conference on Knowledge Discovery and Data Mining (**PAKDD**), 2014. (Oral)

[C4] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. “Detecting Suspicious Following Behavior in Multimillion-Node Social Networks”, in International Conference on World Wide Web Companion (**WWW**), 2014. (Poster)

[C3] **Meng Jiang**, Peng Cui, Fei Wang, Qiang Yang, Wenwu Zhu and Shiqiang Yang. “Social Recommendation across Multiple Relational Domains”, in ACM International Conference on Information and Knowledge Management (**CIKM**), 2012.

[C2] **Meng Jiang**, Peng Cui, Rui Liu, Qiang Yang, Fei Wang, Wenwu Zhu and Shiqiang Yang. “Social Contextual Recommendation”, in ACM International Conference on Information and Knowledge Management (**CIKM**), 2012.

[C1] Lu Liu, Jie Tang, Jiawei Han, **Meng Jiang** and Shiqiang Yang. “Mining Topic-Level Influence in Heterogeneous Networks”, in ACM International Conference on Information and Knowledge Management (**CIKM**), 2010.

REFEREED  
WORKSHOP  
PUBLICATION

[W3] Daheng Wang, **Meng Jiang**, Xueying Wang, Nitesh Chawla, and Paul Brunts. “Multifaceted Event Analysis on Cross-Media Network Data”, in the International Workshop on Heterogeneous Networks Analysis and Mining (**HeteroNAM**), with ACM Conference on Web Search and Data Mining (**WSDM**), 2018.

[W2] Liang-Wei Chen, Bhargav Mangipudi, Jayachandu Bandlamudi, Richa Sehgal, Yun Hao, **Meng Jiang**, and Huan Gui. “Integrating Knowledge from Latent and Explicit Features for Triple ScoringTeam Radicchio’s Triple Scorer at WSDM Cup 2017”, in the 10th ACM Conference on Web Search and Data Mining (**WSDM**) Cup Notebook Papers, 2017.

[W1] **Meng Jiang**. “Catching Social Media Advertisers with Strategy Analysis”, in the International Workshop on Computational Methods for **CyberSafety**, with ACM International Conference on Information and Knowledge Management (**CIKM**), 2016.

REFEREED  
SOFTWARE  
DEMONSTRATION

[D2] Daheng Wang<sup>+</sup>, **Meng Jiang**, Xueying Wang<sup>+</sup>, Tong Zhao<sup>+</sup>, Qingkai Zeng<sup>+</sup> and Nitesh Chawla. “A Project Showcase for Planning Research Work towards Publishable Success”, at the Project Showcase track in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. (+ for advisees)

[D1] Xiang Ren, Jiaming Shen, Meng Qu, Xuan Wang, Zeqiu Wu, Qi Zhu, **Meng Jiang**, Fangbo Tao, Saurabh Sinha, David Liem, Peipei Ping, Richard Weinsilboum and Jiawei Han. “LifeNet: A Structured Network-Based Knowledge Exploration and Analytics System for Life Sciences”, in the Annual Meeting of the Association for Computational Linguistics (**ACL**), 2017.

BOOK CHAPTERS

[B2] **Meng Jiang**. “Behavior Modeling in Social Networks”, in “Encyclopedia of Social Network Analysis and Mining”, 2nd edition, Springer, 2018.

[B1] **Meng Jiang** and Peng Cui. "Mining User Behaviors in Large Social Networks", in "Big Data in Complex and Social Networks", Chapman and Hall/CRC Big Data Series, 2016.

#### TUTORIALS

[T6] **Meng Jiang**, Srijan Kumar, VS Subrahmanian, and Christos Faloutsos. "Data-Driven Approaches towards Malicious Behavior Modeling", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017.

[T5] Jingbo Shang, Xiang Ren, **Meng Jiang**, and Jiawei Han. "Mining Entity-Relation-Attribute Structures from Massive Text Data", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017.

[T4] Xiang Ren, **Meng Jiang**, Jingbo Shang, and Jiawei Han. "Building Structured Databases of Factual Knowledge from Massive Text Data", in ACM SIGMOD International Conference on Management of Data (**SIGMOD**), 2017.

[T3] Xiang Ren, **Meng Jiang**, Jingbo Shang, and Jiawei Han. "Constructing Structured Information Networks from Massive Text Corpora", in International World Wide Web Conference (**WWW**), 2017.

[T2] **Meng Jiang**, Peng Cui and Jiawei Han. "Data-Driven Behavioral Analytics: Observations, Representations and Models", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2016. (Taught 2 of 3 hours, 70+ audience and \$360 honorarium)

[T1] **Meng Jiang** and Peng Cui. "Behavior Modeling in Social Networks: From Micro to Macro", in IEEE International Conference on Data Mining (**ICDM**), 2015. (Taught all 3 hours, 50+ audience and \$700 honorarium)

#### GRANT EXPERIENCE

[G4] "NSF III: Medium: Collaborative Research: StructNet: Constructing and Mining Structure-Rich Information Networks for Scientific Research", National Science Foundation Award Number: NSF IIS 17-04001 (07-01-2017 – 06-30-2021). **Meng Jiang** contributed significantly to the technical content based on his later-published paper [C16].

[G3] "NSF III: Small: Multi-Dimensional Structuring, Summarizing and Mining of Social Media Data", National Science Foundation Award Number: NSF IIS 16-18481 (08-01-2016 – 07-31-2019). **Meng Jiang** contributed significantly to the technical content based on his later-published paper [C10] and led a team of 5 PhD students in this project at UIUC.

[G2] "IPAN I2: Distributed, User-Oriented Multi-Scale Network Summarization and Online Analytical Processing", Network Science Collaborative Technology Alliance (NS CTA) at the US Army Research Laboratory (ARL). **Meng Jiang** visited Aberdeen Proving Ground, Maryland, and collaborated with Dr. Timothy P. Hanratty in 2016 and led a team of 8 MS/PhD students at UIUC.

[G1] "IPAN I1: Constructing Unified, Structured Knowledge Networks by Integrating Text, Social Media and Multi-Genre Networks", Network Science Collaborative Technology Alliance (NS CTA) at the US Army Research Laboratory (ARL). **Meng Jiang** visited Adelphi Laboratory Center, Maryland, and collaborated with Dr. Lance M. Kaplan in 2016.

#### INVITED TALKS

[K16] "Making AI Research Explainable to AI", at the ND-IBM AI Ethics workshop, IBM T.J. Watson Center, October 18, 2018.

[K15] "Data Mining towards Decision Making in Academia", in Seminar at the De-

partment of Psychology in the University of Notre Dame, Notre Dame, October 4, 2018. (Host by Professor Johnny Zhang)

[K14] “Behavior Modeling and Text Mining”, at Nanjing University Xianlin Campus, Nanjing, December 19, 2017. (Host by Professor Zhihua Zhou and Lijun Zhang)

[K13] “My Post-PhD Transitions: Behavior Modeling and Text Mining”, at University of Electronic Science and Technology of China, Chengdu, December 3, 2017. (Host by Professor Shi Gu)

[K12] “My Post-PhD Transitions: Behavior Modeling and Text Mining”, at Zhejiang University, Hangzhou November 30, 2017. (Host by Professor Yang Yang)

[K12] “My Post-PhD Transitions: Behavior Modeling and Text Mining”, at Tsinghua University, Beijing, November 20, 2017. (Host by Professor Peng Cui)

[K11] “Data-driven Behavioral Analytics with Networks”, at Binghamton University, March 13, 2017. (Host by Professor Weiyi Meng)

[K10] “Data-driven Behavioral Analytics with Networks”, at Georgia State University, March 9, 2017. (Host by Professor Xiaojun Cao)

[K9] “Data-driven Behavioral Analytics with Networks”, at University of Oregon, March 2, 2017. (Host by Professor Dejing Dou)

[K8] “Data-driven Behavioral Analytics with Networks”, at Rensselaer Polytechnic Institute, February 21, 2017. (Host by Professor Boleslaw K. Szymanski)

[K7] “Data-driven Behavioral Analytics with Networks”, at University of Maryland, Baltimore County, February 2, 2017. (Host by Professor George Karabatis)

[K6] “Data-driven Behavioral Analytics with Networks”, at University of Notre Dame, January 26, 2017. (Host by Professor Nitesh Chawla)

[K5] “Data-driven Behavioral Analytics with Networks”, at Temple University, January 19, 2017. (Host by Professor Zoran Obradovic)

[K4] “Data-driven Behavioral Analytics with Networks”, at The Ohio State University, October 25, 2016. (Invited by Professor Huan Sun)

[K3] “Modeling Complex Behavior in Social Media”, at University of Massachusetts Boston, November 23, 2015. (Invited by Professor Wei Ding)

[K2] “Prediction and Anomaly Detection in Large-Scale Social Networks”, at Tencent Big Data Seminar, July 25, 2014. (Invited by Tencent Inc.)

[K1] “User Behavior Analysis in Social Networks: Pattern Discovery, Prediction and Anomaly Detection”, at Microsoft Research Asia, July 14, 2014. (Invited by Senior Research Manager Dr. Xing Xie)

TEACHING  
EXPERIENCE

**Notre Dame CSE 40647/60647:** Data Science Fall 2018  
• Instructor. From August 21 to December 14, 2018.

**Notre Dame CSE 40647/60647:** Data Science Spring 2018  
• Instructor. From January 16 to May 11, 2018.

**Notre Dame CSE 40647/60647:** Data Science Fall 2017  
• Instructor. From August 22 to December 12, 2017.

	<b>UIUC CS412: Intro to Data Warehousing and Data Mining</b>	Summer 2017
	<ul style="list-style-type: none"> <li>• Instructor. From May 30 to August 3, 2017.</li> </ul>	
	<b>UIUC CS512: Data Mining: Principles and Algorithms</b>	Spring 2017
	<ul style="list-style-type: none"> <li>• Guest lecture on behavioral analytics. Invited by Professor Jiawei Han.</li> </ul>	
	<b>UIUC CS412: An Introduction to Data Warehousing and Data Mining</b>	Fall 2016
	<ul style="list-style-type: none"> <li>• Taught the Chapter of Data Warehousing, OLAP, and Data Cube.</li> <li>• Supervised three teams in WSDM CUP 2017 “triple scoring” competition.</li> </ul>	
	<b>UIUC CS598: Advanced Topics in Information Retrieval</b>	Fall 2016
	<ul style="list-style-type: none"> <li>• Guest lecture on attribute discovery. Invited by Professor ChengXiang Zhai.</li> </ul>	
	<b>UIUC CS512: Data Mining: Principles and Algorithms</b>	Spring 2016
	<ul style="list-style-type: none"> <li>• Supervised three teams in the “relationship prediction” course project.</li> </ul>	
	<b>THU CS-SMT: Streaming Media Technology</b>	Fall 2013
	<ul style="list-style-type: none"> <li>• Teaching assistant for Professor Lifeng Sun.</li> </ul>	
	<b>THU CS-MFA: Multimedia Fundamentals and Applications</b>	Spring 2013
	<ul style="list-style-type: none"> <li>• Teaching assistant for Professor Lifeng Sun.</li> </ul>	
HONORS AND AWARDS	The 3 <sup>rd</sup> place in WSDM CUP Competition	2017
	KDD 2016 Rising Stars, Microsoft Academic Search	2016
	Tutorial \$360 Honorarium, ACM CIKM	2016
	Tutorial \$700 Honorarium, IEEE ICDM	2015
	Dissertation Award, Tsinghua University	2015
	Excellent PhD Graduate, Beijing City	2015
	SIGKDD Best Paper Finalist	2014
	National Scholarship, China	2014
	Award of Excellence in MSRA Internship Program	2014
	KDD Student Travel Award	2014
	PAKDD Student Travel Grant Award	2014
	Sohu Research Fellowship	2013
STUDENTS’ HONORS	PhD student, Xueying Wang, selected for the Outstanding Research Poster Award – Faculty Choice, 2018	
CURRENT GRADUATE STUDENTS	Mr. Daheng Wang, PhD student (2016–), coadvised with Prof. Nitesh Chawla	
	Ms. Haiqiao Zhang, PhD student (2016–), coadvised with Prof. Yiyu Shi	
	Ms. Xueying Wang, PhD student (2016–)	
	Mr. Qingkai Zeng, PhD student (2018–)	
	Mr. Tong Zhao, Master student (2017–2018), PhD student (2018–)	
CURRENT UNDERGRADUATE RESEARCHERS	Mr. Matthew Malir, Sophomore (2017), published in IEEE BigData 2018	
	Mr. Sebastian Miner, Sophomore (2017)	
VISITING (UNDER-) GRADUATE STUDENTS	Mr. Tianwen Jiang, Harbin Institute of Technology (HIT), PhD student, advised by Prof. Bing Qin	
	Ms. Jiahui Wang, Beijing Jiaotong University (BJTU), Master student, advised by Prof. Peng Bao	
	Mr. Rui Liu, Dalian University of Technology (DUT), undergraduate student	
PROFESSIONAL SERVICES	Ph.D. Committee Member	
	<ul style="list-style-type: none"> <li>• Maria Glenski, University of Notre Dame (Advisor: Prof. Timothy Weninger)</li> <li>• Kaitlynn Meis, University of Notre Dame (Advisor: Prof. Michael Ferdig)</li> <li>• Kenton Murray, University of Notre Dame (Advisor: Prof. David Chiang)</li> <li>• Chao Huang, University of Notre Dame (Advisor: Prof. Nitesh Chawla)</li> <li>• Shenglong Zhu, University of Notre Dame (Advisor: Profs. Danny Chen and</li> </ul>	

Scott Emrich)

- Yuan Gong, University of Notre Dame (Advisor: Prof. Christian Poellabauer)

#### Workshop/Special Session Organizer

- Workshop on Misinformation and Misbehavior Mining on the Web (**MIS2**), 2018
- Special session on Big Behavioral Data Analytics (**BBDA**) in IEEE International Conference on Data Science and Advanced Analytics (**DSAA**), 2016

#### Conference Publication Chair

- ACM International Conference on Information and Knowledge Management (**CIKM**), 2019

#### Technical Program Committee Member

- ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018
- International World Wide Web Conference (**WWW**), 2018, 2019
- Conference on Empirical Methods in Natural Language Processing (**EMNLP**), 2018
- AAAI Conference on Artificial Intelligence (**AAAI**), 2017, 2018, 2019
- International Joint Conference on Artificial Intelligence (**IJCAI**), 2019
- ACM International Conference on Web Search and Data Mining (**WSDM**), 2018, 2019
- ACM International Conference on Information and Knowledge Management (**CIKM**), 2017, 2018, 2019
- SIAM Data Mining Conference (**SDM**), 2018, 2019
- ACM International Conference on Multimedia (**MM**), 2017, 2018
- Pacific-Asia Conference on Knowledge Discovery and Data Mining (**PAKDD**), 2017, 2018, 2019
- Workshop on Graph Techniques for Adversarial Activity Analytics (**GTA3**), 2018
- The Joint International Workshop on Social Influence Analysis and Mining Actionable Insights from Social Networks (**SocInf+MAISoN**), 2018
- IEEE International Conference on Data Science in Cyberspace (**DSC**), 2016, 2018
- IEEE International Conference on Big Knowledge (**ICBK**), 2017
- IEEE International Conference on Data Science and Advanced Analytics (**DSAA**), 2015

#### Journal Reviewer

- IEEE Access (**Access**)
- Artificial Intelligence Journal (**AI Journal**)
- Data Mining and Knowledge Discovery (**DMKD, DAMI**)
- Decision Sciences Journal (**DSJ**)
- Frontiers of Computer Science (**FCS**)
- International Journal of Information Technology and Decision Making (**IJITDM**)
- Information Sciences (**INS**)
- Information Systems (**InfoSys**)
- Information Processing and Management (**IPM**)
- IEEE Intelligent Systems (**IS**)
- Journal of Computers (**JCP**)
- Journal of Machine Learning Research (**JMLR**)
- INFORMS Journal on Computing (**JOC**)
- Knowledge and Information Systems (**KAIS**)
- Neurocomputing (**NEUCOM**)
- Pattern Recognition (**PR**)
- IEEE Transactions on Big Data (**TBD**)



- IEEE Transactions on Information Forensics and Security (**TIFS**)
- KSII Transactions on Internet and Information Systems (**TIIS**)
- ACM Transactions on Intelligent Systems and Technology (**TIST**)
- ACM Transactions on Knowledge Discovery from Data (**TKDD**)
- IEEE Transactions on Knowledge and Data Engineering (**TKDE**)
- ACM Transactions on Multimedia Computing Communications and Applications (**TOMCCAP**)
- IEEE Transactions on Neural Networks and Learning Systems (**TNNLS**)
- World Wide Web Journal (**WWWJ**)

(Last updated on January 15, 2019)