

# Kai Shu

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CONTACT INFORMATION	Cubic# 561BB 699 S Mill Ave Tempe, AZ, USA, 85281	<i>Mobile:</i> +1-480-8198058 <i>E-mail:</i> kai.shu@asu.edu <a href="http://www.public.asu.edu/~skai2/">http://www.public.asu.edu/~skai2/</a>
RESEARCH INTERESTS	Data Mining, Machine Learning, Social Computing, Artificial Intelligence	
EDUCATION	<b>Arizona State University</b> (ASU), Tempe, AZ, USA • Ph.D. in Computer Science • Thesis Topic: Learning with Weak Social Supervision • Area of Study: Data mining, Machine Learning, Social Media Mining • Advisor: Professor Huan Liu (Fellow of ACM, AAAS, IEEE, AAI) • GPA: 4.0/4.0 <b>Chongqing University</b> , Chongqing, China • Master of Science, Computer Science and Technology <b>Chongqing University</b> , Chongqing, China • Bachelor of Engineering, Network Engineering	Sept. 2015 - Present Sept. 2012 – Jun. 2015 Sept. 2008 – Jun. 2012
PROFESSIONAL EXPERIENCES	<i>Research Assistant</i> <b>Machine Learning and Data Mining Lab, ASU</b> Supervisor: Huan Liu  <i>Research Intern</i> <b>Microsoft Research</b> Supervisor: Ahmed Hassan Awadallah and Susan Dumais  <i>Research Intern</i> <b>Yahoo Research</b> Supervisor: Liangda Li and Yunhong Zhou  <i>Research Visiting Scholar</i> <b>Chinese Academy of Science</b> Supervisor: Ping Luo  <i>Research Intern</i> <b>Hewlett-Packard Labs</b> Supervisor: Ping Luo	Sep. 2015 – Present Tempe, Arizona  May. 2019 – Aug. 2019 Redmond, Washington  May. 2018 – Aug. 2018 Sunnyvale, California  Jun. 2014 – Jun. 2015 Beijing, China  Mar. 2012 – Sept. 2013 Beijing, China
SUMMARY OF PUBLICATIONS	<b>Published: 1</b> monograph, <b>1</b> book, <b>2</b> tutorials, <b>1</b> book chapter, <b>21</b> conference papers, <b>5</b> journal papers, <b>19</b> preprints, <b>2</b> patents, <b>1</b> workshop paper, and <b>1</b> demo paper. <b>Impact: 1178</b> citations, h-index: <b>14</b> , i10-index: <b>15</b> (as of February 21 2019)  <i>***Please refer to the details about the list of publications at my google scholar profile page: <a href="https://scholar.google.com/citations?user=-6bAV2cAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=-6bAV2cAAAAJ&amp;hl=en</a></i>  My publication can be generally categorized into the following areas, and a representative paper is listed under each area:	

- **Misinformation/Fake News Detection** [11][13][14][1][2][31][29][6][54][57]
  - **Kai Shu**, Limeng Cui, Suhang Wang, Dongwon Lee, and Huan Liu, “dEFEND: Explainable Fake News Detection” in the 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (**KDD 2019**)
- **Recommendation and Ranking** [23][15][18][22][24][30][55][2]
  - **Kai Shu**, Suhang Wang, Jiliang Tang, Yilin Wang, Huan Liu “CrossFire: Cross Media Joint Friend and Item Recommendations” the 11th International Conference on Web Search and Data Mining (**WSDM 2018**).
- **Security and Privacy** [26][20][21][17]
  - **Kai Shu**, Ping Luo, Li Wan, Peifeng Yin, Linpeng Tang, “Deal or Deceit: Detecting Cheating in Distribution Channels”, in the 23rd ACM International Conference on Information and Knowledge Management (**CIKM 2014**)

#### TUTORIALS

- [1] Reza Zafarani, Xinyi Zhou, **Kai Shu**, Huan Liu “Fake News Research: Theories, Detection Strategies, and Open Problems”, the 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (**KDD 2019**).  
[Media coverage](#): [A Blog in Japanese][Datanami]
- [2] Xinyi Zhou, Reza Zafarani, **Kai Shu**, Huan Liu “Fake News: Fundamental Theories, Detection Strategies and Challenges”, the 12th International Conference on Web Search and Data Mining (**WSDM 2019**).  
[Media coverage](#): [Psychology Today]

#### BOOKS OR BOOK CHAPTERS

- [3] **Kai Shu**, Suhang Wang, Dongwon Lee, and Huan Liu, “Mining Disinformation and Fake News: Concepts, Methods, and Recent Advancements. ”, Lecture Notes in Social Network (LNSN), Springer Press, 2020.
- [4] **Kai Shu**, Suhang Wang, Dongwon Lee, and Huan Liu, Editors. “Fake News, Disinformation, and Misinformation in Social Media”, Springer, to appear in early 2020. Forthcoming.
- [5] **Kai Shu** and Huan Liu “Detecting Fake News on Social Media”, Morgan & Claypool Publishers, 2019.
- [6] **Kai Shu**, H. Russell Bernard, Huan Liu “Studying Fake News via Network Analysis: Detection and Mitigation.”, chapter. Editors: Nitin Agarwal, Nima Dokoohaki, and Serpil Tokdemir. Lecture Notes in Social Networks (**LNSN**), Springer Press, 2018.

#### REFEREED CONFERENCE PUBLICATIONS

- [7] **Kai Shu**, Deepak Mahudeswaran, Suhang Wang, and Huan Liu, “Hierarchical Propagation Networks for Fake News Detection: Investigation and Exploitation”, in Proceedings of 14th the International AAAI Conference on Web and Social Media (**ICWSM 2020**)
- [8] Ghazaleh Beigi, **Kai Shu**, Ruocheng Guo, Suhang Wang, Huan Liu “Differentially Privacy Preserving Text Representation Learning”, in Proceedings of the 30th ACM Conference on Hypertext and Social Media (**HT 2019**) (Poster Paper)
- [9] **Kai Shu**, Suhang Wang, Xinyi Zhou, Reza Zafarani, and Huan Liu “The Role of User Profiles for Fake News Detection”, in 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (**ASONAM 2019**)

- [10] Thai Le, **Kai Shu**, Maria D. Molina, Dongwon Lee, S. Shyam Sundar, and Huan Liu “Using Synthetic Clickbaits to Improve Prediction and Distinguish between Bot-Generated and Human-Written Headlines”, in 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (**ASONAM 2019**)  
[Media coverage](#): [Newswise]
- [11] **Kai Shu**, Limeng Cui, Suhang Wang, Dongwon Lee, and Huan Liu, “dEFEND: Explainable Fake News Detection” in the 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (**KDD 2019**)  
[Media coverage](#): [Techxplore][Penn State News]
- [12] Jayashree Subramanian\*, Varun Sridharan\*, **Kai Shu**, and Huan Liu, “Exploiting Emojis for Sarcasm Detection” in the International Conference on Social Computing, Behavior-Culture Modeling, and Prediction (**SBP 2019**).
- [13] Shuo Yang, **Kai Shu**, Suhang Wang, Renjie Gu, Fan Wu, and Huan Liu, “Unsupervised Fake News Detection on Social Media: A Generative Approach”, in the 33rd AAAI Conference on Artificial Intelligence (**AAAI 2019**).
- [14] **Kai Shu**, Suhang Wang, and Huan Liu, “Beyond News Content: The Role of Social Context for Fake News Detection”, in the 12th International Conference on Web Search and Data Mining (**WSDM 2019**).  
[Media coverage](#): [KDNuggets][The Morning Paper]
- [15] Vineeth Rakesh, Suhang Wang, **Kai Shu**, Huan Liu, “Linked Variational AutoEncoders for Inferring Substitutable and Supplementary Items”, in the 12th International Conference on Web Search and Data Mining (**WSDM 2019**).
- [16] **Kai Shu**, Suhang Wang, Thai Le, Dongwon Lee, and Huan Liu, “Deep Headline Generation for Clickbait Detection” in the 2018 IEEE International Conference on Data Mining (**ICDM 2018**)
- [17] Amy Sliva, **Kai Shu**, and Huan Liu, “Using Social Media to Understand Cyber Attack Behavior”, in the 9th International Conference on Applied Human Factors and Ergonomics (**AHFE 2018**)
- [18] **Kai Shu**, Suhang Wang, Jiliang Tang, Yi Chang, Ping Luo, and Huan Liu, “Exploiting User Actions for App Recommendations”, in the 2018 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (**ASONAM 2018**)
- [19] Wen Zhang, **Kai Shu**, Suhang Wang, Huan Liu, and Yalin Wang, “Multimodal Fusion of Brain Networks with Longitudinal Couplings” in the 21th International Conference on Medical Image Computing and Computer Assisted Intervention (**MICCAI 2018**)
- [20] Ghazaleh Beigi, **Kai Shu**, Huan Liu, “Securing Social Media User Data - An Adversarial Approach” in the 29th ACM Conference on HyperText and Social Media (**HT 2018**).
- [21] **Kai Shu**, Amy Sliva, Justin Sampson, Huan Liu, “Understanding Cyber Attack Behaviors with Sentiment Information on Social Media”, in the International Conference on Social Computing, Behavior-Culture Modeling, and Prediction (**SBP 2018**).
- [22] Xuying Meng, Suhang Wang, **Kai Shu**, Jundong Li, Bo Chen, Huan Liu, Yujun Zhang, “Personalized Privacy-Preserving Social Recommendation”, in the 32nd AAAI Conference on Artificial Intelligence (**AAAI 2018**).
- [23] **Kai Shu**, Suhang Wang, Jiliang Tang, Yilin Wang, Huan Liu “CrossFire: Cross Media Joint Friend and Item Recommendations” the 11th International Conference on Web Search and Data Mining (**WSDM 2018**).

- [24] Suhang Wang, Yilin Wang, Jiliang Tang, **Kai Shu**, Suhas Ranganath, Huan Liu, "What Your Images Reveal: Exploiting Visual Contents for Point-of-Interest Recommendation", in the 26th International World Wide Web Conference (**WWW 2017**).
- [25] Ling Jian, Jundong Li, **Kai Shu**, Huan Liu "Multi-Label Informed Feature Selection", in the 25th International Joint Conference on Artificial Intelligence (**IJCAI 2016**).
- [26] **Kai Shu**, Ping Luo, Li Wan, Peifeng Yin, Linpeng Tang, "Deal or Deceit: Detecting Cheating in Distribution Channels", in the 23rd ACM International Conference on Information and Knowledge Management (**CIKM 2014**).
- [27] Li Wan, **Kai Shu**, Yu Guo, "Sequences Modeling and Analysis Based on Complex Network", in the International Conference on Communications and Information Processing (**ICCIP 2012**).

REFEREED  
JOURNAL  
PUBLICATIONS

- [28] Ping Luo, **Kai Shu**, Junjie Wu, Li Wan, and Yong Tan, "Exploring Correlation Network for Cheating Detection", in **ACM TIST 2019**
- [29] **Kai Shu**, Deepak Mahudeswaran, and Huan Liu, "FakeNewsTracker: A Tool for Fake News Collection, Detection, and Visualization" in the Computational and Mathematical Organization Theory (**CMOT 2018**) (**Best of SBP**)
- [30] Xuying Meng, Suhang Wang, **Kai Shu**, Jundong Li, Bo Chen, Huan Liu, and Yujun Zhang "Towards Privacy Preserving Social Recommendation under Personalized Privacy Settings" **World Wide Web Journal**, 2018
- [31] **Kai Shu**, Amy Sliva, Suhang Wang, Jiliang Tang, Huan Liu "Fake News Detection on Social Media: A Data Mining Perspective", in **SIGKDD explorations 2017**.  
[Included in the curriculum at:](#) [Worcester Polytechnic Institute], [The Hang Seng University of Hong Kong]  
[Media coverage:](#) [KDnuggets] [ASLIfacebook] [Data Skeptic] [A Chinese Blog] [Another Chinese Blog] [A Korean Blog] [Wikipedia] [Hackernoon]
- [32] **Kai Shu**, Suhang Wang, Jiliang Tang, Reza Zafarani, Huan Liu, "User Identity Linkage across Online Social Networks", in **SIGKDD explorations 2016**.

PREPRINTS

- [33] Ahmadreza Mosallanezhad, **Kai Shu**, Huan Liu, "Topic Preserved News Generation Using Deep Reinforcement Learning", (Submitted to ICML'20)
- [34] Qianru Wang, Bin Guo, Yi Ouyang, **Kai Shu**, Zhiwei Yu, Huan Liu, "Spatial Community-Informed Evolving Graphs for Demand Prediction", (Submitted to IJCAI'20)
- [35] Qun Zhao, Yuelong Zhu, **Kai Shu**, Dingsheng Wan, Yufeng Yu, Xudong Zhou, and Huan Liu, "Joint Spatial and Temporal Modeling for Hydrological Prediction", (Submitted to IEEE Access)
- [36] **Kai Shu**, Mihir Parmar, Nawendu Singh and Huan Liu, "Weak Social Supervision: A Case Study of Fake News Detection", (Submitted to SBP'20)
- [37] **Kai Shu**, Yichuan Li, Kaize Ding and Huan Liu, "Fact-enriched Fake News Generation", (Submitted to ACL'20)
- [38] **Kai Shu**, Ahmadreza Mosallanezhad, Steve Jadav and Huan Liu, "Cross Domain Fake News Detection", (Submitted to ACL'20)

- [39] Qun Zhao, Yuelong Zhu, **Kai Shu**, Dingsheng Wan, Yufeng Yu, Xudong Zhou, and Huan Liu, “Deep Spatial and Temporal Embedding for Hydrological Prediction”
- [40] **Kai Shu**, Guoqing Zheng, Yichuan Li, Ahmed Hassan Awadallah, Scott Ruston, and Huan Liu, “Exploiting Multi-source Weak Social Supervision for Early Detection of Fake News”
- [41] Wen Zhang, B. Blair Braden, **Kai Shu**, Gustavo Miranda, Suhang Wang, Huan Liu, and Yalin Wang, “Integrating Multimodal and Longitudinal Neuroimaging Data with Multi-Source Network Representation Learning” (Submitted to NeurImage)
- [42] **Kai Shu**, Ahmed Hassan Awadallah, Susan Dumais, and Huan Liu, “Detecting Fake News with Weak Social Supervision” (Submitted to IEEE Intelligent System)
- [43] **Kai Shu**, Subhabrata Mukherjee, Guoqing Zheng, Ahmed Hassan Awadallah, Milad Shokouhi and Susan Dumais, “Learning with Weak Supervision from User Interactions” (Submitted to SIGIR 2020)
- [44] Kaize Ding, **Kai Shu**, Jundong Li, and Huan Liu, “Cross-domain Anomaly Detection on Attributed Networks” (Submitted to KDD 2020)
- [45] Lu Cheng, **Kai Shu**, Siqi Wu, and Huan Liu, “Unsupervised Cyberbullying Detection via Time-informed Deep Clustering” (Submitted to SIGIR 2020)
- [46] Wen Zhang, **Kai Shu**, Yalin Wang, and Huan Liu, “Graph Neural Networks for User Identity Linkage”, (Submitted to AAAI’20)
- [47] Chuan Guo, Juan Cao, **Kai Shu**, Xueyao Zhang, and Miao Yu, “Leveraging Dual Emotion for Fake News Detection on Social Media” (Submitted to ACL’20)
- [48] Raha Moraffah, **Kai Shu**, and Huan Liu, “DCDAN: Deep Causal Representation Learning for Unsupervised Domain Adaptation” (Submitted to AAAI’20)
- [49] Jiachen Wang, Juan Cao, **Kai Shu**, Yuting Yang, Jintao Li, and Huan Liu, “Style Guided Bilinear Neural Networks for Fake News Detection” (Submitted to PAKDD’20)
- [50] **Kai Shu**, Liangda Li, Suhang Wang, Yunhong Zhou, Huan Liu “Exploring Temporal Correlation Network for Trending Topic Detection” (Submitted to IJCAI’20)
- [51] **Kai Shu**, Deepak Mahudeswaran, Suhang Wang, Dongwon Lee, Huan Liu “FakeNews-Net: A Data Repository with News Content, Social Context and Dynamic Information for Studying Fake News on Social Media”, (Submitted to ICWSM’20)
- [52] **Kai Shu**, Liangda Li, Suhang Wang, Yunhong Zhou, Huan Liu “Modeling Diversity, Temporality, and Engagement for Search Trending Topic Detection via QNTRank” (Submitted to SIGIR 2020)
- [53] Fred Morstatter, **Kai Shu**, Suhang Wang, Huan Liu “Cross-Platform Emoji Interpretation: Analysis, a solution, and Applications” (Submitted to TSC)
- [54] **Kai Shu**, Deepak Mahudeswaran, Huan Liu “Method and Apparatus for Collecting, Detecting and Visualizing Fake News”, 2018. US Patent App, 62/904,558
- [55] **Kai Shu**, Suhang Wang, Jiliang Tang, Yilin Wang, Huan Liu “Systems and Methods for A Cross Media Joint Friend and Item Recommendation Framework”, 2018. Provisional Patent Application

PATENT  
APPLICATIONS

WORKSHOP AND  
DEMO PAPERS

- [56] Limeng Cui, **Kai Shu**, Suhang Wang, Dongwon Lee, Huan Liu, “dEFEND: An Explainable Fake News Detection System”, in **CIKM 2019**.
- [57] **Kai Shu**, Suhang Wang, Huan Liu, “Understanding User Profiles on Social Media for Fake News Detection”, in **FakeMM 2018**.

MENTORING  
EXPERIENCE

**PhD Students**

- Ahmadrza Mosallanezhad, CSE@Arizona State Univ. Sep. 2019 – Present  
Research Topic: Neural Text Generation  
Research co-advised with Prof. Huan Liu
- Kaize Ding, CSE@Arizona State Univ. May. 2019 – Present  
Research Topic: Cross-domain Anomaly Detection  
Research Papers: [44]  
Research co-advised with Prof. Huan Liu
- Lu Cheng, CSE@Arizona State Univ. March. 2019 – Present  
Research Topic: Unsupervised Cyberbullying Detection  
Research Papers: [45]  
Research co-advised with Prof. Huan Liu
- Raha Moraffah, CSE@Arizona State Univ. Feb. 2019 – Present  
Research Topic: Causal Transfer Learning  
Research Papers: [48]  
Research co-advised with Prof. Huan Liu
- Shuo Yang, CSE@Shanghai Jiao Tong Univ. Sep. 2017 – Sep. 2018  
Research Topic: Unsupervised Fake News Detection  
Research Papers: [13]  
Research co-advised with Prof. Huan Liu
- Thai Le, CSE@Penn State Univ. Oct. 2018 – July. 2019  
Research topic: clickbait generation and detection  
Research Papers: [10]  
Research co-advised with Prof. Dongwon Lee
- Chuan Guo, CSE@ Univ. of Chinese Academy of Sciences Jan. 2019 – Present  
Research Topic: Emotion-based Fake News Detection, [47]  
Research co-advised with Prof. Juan Cao
- Qiang Sheng, CSE@ Univ. of Chinese Academy of Sciences Jan. 2019 – Present  
Research Topic: Topic-oriented False News Analysis  
Research co-advised with Prof. Juan Cao

**Master Students**

- Deepak Mahudeswaran, CSE@Arizona State Univ. Sep. 2017 – Present  
Research Topic: Fake News Detection and Mitigation  
Research Papers: [29], [51]
- Jiachen Wang, CSE@ Univ. of Chinese Academy of Sciences Jan. 2019 – Present  
Research Topic: Style-based Fake News Detection, [49]

Research co-advised with Prof. Juan Cao

- Jayashree Subramanian, CSE@Arizona State Univ. Feb. 2019 – Present  
Research Topic: Sarcasm Detection on Social Media  
Research Papers: [12]
- Varun Sridharan, CSE@Arizona State Univ. Feb. 2019 – Present  
Research Topic: Sarcasm Detection on Social Media  
Research Papers: [12]

### Undergraduate Students

- Isaac Moldofsky, Honors College@Arizona State Univ. Feb. 2019 – Present  
Advising on honor thesis  
Co-advising with Prof. Huan Liu

### TEACHING EXPERIENCES

- **Co-Instructor & Teaching Assistant**  
CSE 472: Social Media Mining, ASU Fall'2019  
Instructor: Professor Huan Liu
- **Teaching Assistant**  
CSE 472: Social Media Mining, ASU Fall'2018  
Instructor: Professor Huan Liu
- **Teaching Assistant**  
CSE Applied Cryptography, ASU Fall'2015  
Instructor: Prof. Rida Bazzi
- **Teaching Assistant**  
CSE 572: Data Mining, ASU Spring'2016  
Instructor: Prof. Frank Calliss
- **Teaching Assistant**  
CSE 240: Introduction to Programming Language, ASU Spring'2016  
Instructor: Prof. Yinong Chen

### HONERS & AWARDS

- ACM SIGKDD Student Travel Award June 2019
- SBP Challenge Award Winner July 2018
- CIDSE Doctoral Fellowship Award, Arizona State University Aug. 2015
- Outstanding Graduate Student, Chongqing Province Jul. 2012
- National Encouragement Scholarships (1/53) Oct. 2009

### SELECTED MEDIA COVERAGES

- Arizona PBS Cronkite News (2019): Fires in the Amazon: Arizona researchers determine what's true, what's not
- Penn State News (2019): What makes a piece of news fake?
- Datanami (2019): AI Squares Off Against Fake News
- Newswise (2019): Clickbait Secrets Exposed! Humans and AI team up to improve clickbait detection
- Psychology Today (2019): What is Fake News? Is Debate Worth the Effort?
- The Morning Paper (2019): Beyond news contents: the role of social context for fake news detection
- ASU Full Cycle (2019): Students' Fresh Perspectives Lead ASU Researcher to Success.
- ASU News/Co Lab blog (2019): Can AI help discern fact from fake on social media?
- Data Skeptic (2018): Algorithmic Detection of Fake News
- ASU Now (2018): The data defenders

- KD Nuggets (2017): A Quick Guide to Fake News Detection on Social Media

#### PROFESSIONAL TALKS

- “Learning with Weak Supervision from User Interactions”, invited talk at Microsoft Research AI Power Lunch talk series, August, 2019.
- “dEFEND: Explainable Fake News Detection”, invited talk at KDD workshop on “Truth Discovery and Fact Checking: Theory and Practice”, August, 2019.
- “Beyond News Contents: The Role of Social Context for Fake News Detection”, invited talk at Microsoft Research AI Power Lunch talk series, June, 2019.
- “Detecting Fake News on Social Media”, invited talk at News Co/Lab at ASU, June, 2019.
- “Fake News: Fundamental Theories, Detection Strategies and Challenges.”, tutorial in the 12th International Conference on Web Search and Data Mining (WSDM 2019)
- “Fake News on Social Media: Characterization and Detection”, Second International Workshop on Artificial Intelligence and Optimization (WAIO18), remote participation via video conferencing, Chiapas, Mexico. November 8, 2018
- “FakeNewsTracker: A Tools for Fake News Collection, Detection and Visualization”, Global Engagement Center (GEC)’s Tech Innovation Program, the US Department of State. December 20, 2018
- “Fake News on Social Media: Characterization and Detection”, Institute of Computing Technology, Chinese Academy of Sciences, remote participation via video conference. January 3, 2019

#### PROFESSIONAL SERVICES

##### **Editors**

- Book editor, Fake News, Disinformation, and Misinformation, Springer, 2019
- Guest co-editor, Special Section on Fusion of Deep Learning Methodologies and Applications for Fake News on Social Media, IEEE Access, 2019

##### **Conference Chairs**

- SIAM SDM Workshop on FEND Publicity Chair, 2019

##### **Program Committees**

- The 12th International ACM Conference on Web Science (WebSci’20)
- The 14th IEEE International Conference on Semantic Computing (ICSC 2020)
- The Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI’20)
- 2019 IEEE International Conference on Cognitive Machine Intelligence (CogMI’19)
- 28th International Conference on Artificial Neural Networks (ICANN’19)
- The IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 2019, 2020
- SIGIR workshop on Reducing Online Misinformation Exposure (ROME’19)
- International AAAI Conference on Web and Social Media (ICWSM), 2019
- IEEE International Conference on Big Data (BigData), 2016, 2017, 2018

##### **Journal Reviewers**

- ACM Transactions on the Web (TWEB)
- Frontiers
- ACM Computing Survey
- SAGE Open
- Springer Nature Applied Science (SNAS)
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- ACM Transactions on Intelligent Systems and Technology (TIST)
- Neurocomputing (NEUCOM)
- IEEE Transactions on Neural Networks and Learning Systems (TNNLS)
- Natural Language Engineering (NLG)



- Computers & Security (COSE)
- World Wide Web Journal (WWWJ)
- Journal of Computational Science (JOCS)

#### Conference Reviewers

- TheWebConf, 2019
- ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2018
- International AAAI Conference on Web and Social Media (ICWSM), 2016, 2018
- Pacific Asia Knowledge Discovery and Data Mining (PAKDD), 2018
- AAAI Conference on Artificial Intelligence (AAAI), 2018
- ACM International Conference on Conference on Information and Knowledge Management (CIKM), 2017
- ACM International Conference on Web Search and Data Mining (WSDM), 2017, 2019
- IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 2016, 2017, 2018
- ACM Conference on Recommender Systems (RecSys), 2016
- International Joint Conferences on Artificial Intelligence (IJCAI), 2016

#### PROFESSIONAL REFERENCES

Huan Liu, Ph.D.  
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 Arizona State University  
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H. Russell Bernard, Ph.D.  
 Member of the National Academy of Sciences  
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 Arizona State University  
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 Relationship: committee member

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 IEEE Fellow  
 Professor of Computer Science and Engineering  
 Arizona State University  
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 Microsoft Research  
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