

Bohan Jiang

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Homepage: jiangbohan.github.io | Publications: [Google Scholar](https://scholar.google.com/citations?user=QWzgkAAJAAQ&hl=en) | [LinkedIn Profile](https://www.linkedin.com/in/bohanjiang/)

EDUCATION

• Arizona State University

Ph.D. in Computer Science

01/2021 - now

Tempe, USA

◦ Advisor: Regents Prof. Huan Liu

◦ Citation Statistics: 1,961 (citations), from Google Scholar by 12/2025.

• Arizona State University

B.S. and M.S. in Computer Science (4+1 program)

05/2015 - 12/2020

Tempe, USA

◦ GPA: 4.00/4.00

RESEARCH INTERESTS

- **Social Media Mining:** Developing advanced algorithms to collect, model, and analyze big social media data, aiming to provide practical guidance to real-world applications and decision making.
- **Computational Social Science:** Leveraging computational methods and artificial intelligence techniques to understand social phenomena and address social problems.
- **Natural Language Processing:** Focusing on employing large language models (LLMs) to solve real-world problems; LLM for social science, LLM-as-a-Judge, Human-AI interaction.

PUBLICATIONS

* INDICATES EQUAL CONTRIBUTIONS

- [1] Bohan Jiang, Pingchuan Ma, Zhuoyu Shi, Fred Morstatter, Adrienne Raglin, Huan Liu, *On Causal and Anticausal LLM-Based Data Synthesis*, The 19th International Conference on Web Search and Data Mining (WSDM 2026).
- [2] Bohan Jiang, Dawei Li, Zhen Tan, Xinyi Zhou, Ashwin Rao, Kristina Lerman, Russell Bernard, Huan Liu, *Can Large Language Models Assess the Social Impact of Conspiracy Theories?*, International AAAI Conference on Web and Social Media (ICWSM 2026).
- [3] Dawei Li, Bohan Jiang, Liangjie Huang, Alimohammad Beigi, Chengshuai Zhao, Zhen Tan, Amrita Bhattacharjee, Yuxuan Jiang, Canyu Chen, Tianhao Wu, Kai Shu, Lu Cheng, Huan Liu, *From Generation to Judgment: Opportunities and Challenges of LLM-as-a-judge*, The 2025 Conference on Empirical Methods in Natural Language Processing (EMNLP 2025).
- [4] Chengshuai Zhao, Zhen Tan, Pingchuan Ma, Dawei Li, Bohan Jiang, Yancheng Wang, Yingzhen Yang, Huan Liu, *Is Chain-of-Thought Reasoning of LLMs a Mirage? A Data Distribution Lens*, ForLM@NeurIPS 2025.
- [5] Dawei Li, Zhen Tan, Chengshuai Zhao, Bohan Jiang, Baixiang Huang, Pingchuan Ma, Abdullah Alnaibari, Kai Shu, Huan Liu, *Who's Your Judge? On the Detectability of LLM-Generated Judgments*, Lock-LLM@NeurIPS 2025.
- [6] Alimohammad Beigi, Bohan Jiang, Dawei Li, Tharindu Kumarage, Zhen Tan, Pouya Shaeri, Huan Liu, *Can LLMs Improve Multimodal Fact-Checking by Asking Relevant Questions?*, IEEE International Conference on Big Data (IEEE BigData 2025).
- [7] Saketh Vishnubhatla, Alimohammad Beigi, Rui Heng Foo, Umang Goel, Ujun Jeong, Bohan Jiang, Adrienne Raglin, Huan Liu, *An Interventional Approach to Real-Time Disaster Assessment via Causal Attribution*, ACM International Conference on Information and Knowledge Management (CIKM 2025).
- [8] Saketh Vishnubhatla, Ujun Jeong, Bohan Jiang, Paras Sheth, Zhen Tan, Adrienne Raglin, Huan Liu, *Assessing On-the-Ground Disaster Impact Using Online Data Sources*, International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS 2025).
- [9] Dawei Li, Renliang Sun, Yue Huang, Ming Zhong, Bohan Jiang, Jiawei Han, Xiangliang Zhang, Wei Wang, Huan Liu, *Preference Leakage: A Contamination Problem in LLM-as-a-judge*, DIG-BUG@ICML 2025,  **Best Paper Award**.
- [10] Buddhika Nettasinghe, Ashwin Rao, Bohan Jiang, Allon Percus, Kristina Lerman, *In-Group Love, Out-Group Hate: A Framework to Measure Affective Polarization via Contentious Online Discussions*, The ACM Web Conference 2025, Research Track (WWW 2025).
- [11] Zhen Tan*, Dawei Li*, Song Wang*, Alimohammad Beigi, Bohan Jiang, Amrita Bhattacharjee, Mansooreh Karami, Jundong Li, Lu Cheng, Huan Liu, *Large Language Models for Data Annotation and Synthesis: A Survey*, The 2024 Conference on Empirical Methods in Natural Language Processing (EMNLP 2024).

- [12] Ujun Jeong, **Bohan Jiang**, Zhen Tan, Russell Bernard, Huan Liu, *BlueTempNet: A Temporal Multi-network Dataset of Social Interactions in Bluesky Social*, IEEE Data Descriptions, 2024.
- [13] **Bohan Jiang***, Chengshuai Zhao*, Zhen Tan, Huan Liu, *Catching Chameleons: Detecting Evolving Disinformation Generated using Large Language Models*, IEEE International Conference on Cognitive Machine Intelligence (IEEE CogMI 2024).  Best Student Paper Award.
- [14] **Bohan Jiang**, Lu Cheng, Zhen Tan, Ruocheng Guo, Huan Liu, *Media Bias Matters: Understanding the Impact of Politically Biased News on Vaccine Attitudes in Social Media*, IEEE International Conference on Data Science and Advanced Analytics (IEEE DSAA 2024).
- [15] **Bohan Jiang**, Zhen Tan, Ayushi Nirmal, Huan Liu, *Disinformation Detection: An Evolving Challenge in the Age of LLMs*, SIAM International Conference on Data Mining (SDM 2024).
- [16] Ayushi Nirmal, **Bohan Jiang**, Huan Liu, *SocioHub: An Interactive Tool for Cross-Platform Social Media Data Collection*, International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS 2024).
- [17] Datu Buyung Agusdinata, Hallie Eakin, Nicole Darnall, **Bohan Jiang**, Hugo Romero, *Advancing Recognition Justice in Telecoupled Critical Mineral Supply Chains: The Promise of Social Media*, Energy Research & Social Science, 2023.
- [18] **Bohan Jiang**, Paras Sheth, Baoxin Li, Huan Liu, *CoVaxNet: An Online-Offline Data Repository for COVID-19 Vaccine Research*, International AAAI Conference on Web and Social Media Workshop (ICWSM 2023).
- [19] **Bohan Jiang**, Mansooreh Karami, Lu Cheng, Tyler Black, Huan Liu, *Mechanisms and Attributes of Echo Chambers in Social Media*, International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS 2021).
- [20] Nao Yamamoto, **Bohan Jiang**, Haiyan Wang, *Quantifying Compliance with COVID-19 Mitigation Policies in the US: A Mathematical Modeling Study*, Infectious Disease Modelling, 2021.
- [21] Yichuan Li, **Bohan Jiang**, Kai Shu, Huan Liu, *MM-COVID: A Multilingual and Multimodal Data Repository for Combating COVID-19 Disinformation*, IEEE International Conference on Big Data (IEEE BigData 2020).

PREPRINT AND UNDER SUBMISSION

* INDICATES EQUAL CONTRIBUTIONS

- [1] Faisal Alatawi, Lu Cheng, Anique Tahir, Mansooreh Karami, **Bohan Jiang**, Tyler Black, Huan Liu, *A Survey on Echo Chambers on Social Media: Description, Detection and Mitigation*, Preprint.
- [2] Song Wang, Zhen Tan, Zihan Chen, Dawei Li, Yaochen Zhu, **Bohan Jiang**, Yinhan He, Chengshuai Zhao, Zhenyu Lei, Paras Sheth, Lichi Li, Lo Pang-Yun Ting, Jundong Li, Huan Liu, *Large Language Models for Data Science: A Survey*, Under Submission.
- [3] Dawei Li, Renliang Sun, Yue Huang, Ming Zhong, **Bohan Jiang**, Jiawei Han, Xiangliang Zhang, Wei Wang, Huan Liu, *Preference Leakage: A Contamination Problem in LLM-as-a-judge*, Under Submission.
- [4] Chengshuai Zhao, Zhen Tan, Pingchuan Ma, Dawei Li, **Bohan Jiang**, Yancheng Wang, Yingzhen Yang, Huan Liu, *Is Chain-of-Thought Reasoning of LLMs a Mirage? A Data Distribution Lens*, Under Submission.
- [5] **Bohan Jiang**, Dawei Li, Zhen Tan, Chengshuai Zhao, Huan Liu, *Evaluating and Aligning LLM-generated Explanations of Well-Being Concepts*, Under Submission.
- [6] Dawei Li, Zhen Tan, Chengshuai Zhao, **Bohan Jiang**, Baixiang Huang, Pingchuan Ma, Abdullah Alnaibari, Kai Shu, Huan Liu, *Who's Your Judge? On the Detectability of LLM-Generated Judgments*, Under Submission.
- [7] Pingchuan Ma, Chengshuai Zhao, **Bohan Jiang**, Saketh Vishnubhatla, Ujun Jeong, Alimohammad Beigi, Adrienne Raglin, Huan Liu, *CAMO: Causality-Guided Adversarial Multimodal Domain Generalization for Crisis Classification*, Under Submission.
- [8] Sanyam Jain*, **Bohan Jiang***, Adrienne Raglin, Huan Liu, *WMND-QA: A Wiki-based Multilingual Benchmark for Natural Disaster Question Answering*, Under Submission.

HONORS AND AWARDS

• Best Paper Award <i>ICML 2025 Workshop DIG-BUGS: Data in Generative Models</i>	2025
• Best Student Paper Award <i>The Sixth IEEE International Conference on Cognitive Machine Intelligence (CogMI 2024)</i>	2024
• IEEE CIS Travel Grant <i>IEEE Computational Intelligence Society</i>	2024
• SDM Doctoral Forum Travel Award <i>SIAM International Conference on Data Mining (SDM 2024)</i>	2024
• GPSA Conference Travel Grant <i>Graduate & Professional Student Association, ASU</i>	2024

• SCAI Conference Travel Award	2021 - 2024
<i>School of Computing and Augmented Intelligence, ASU</i>	
• SBP-BRiMS Travel Award	2022
<i>Carnegie Mellon University</i>	
• 1st place (1/54) of 2022 ASU ISSR Graduate Student Poster Contest	2022
<i>Institute for Social Science Research, ASU</i>	
• Fulton Fellowship Award	2021
<i>Ira A. Fulton Schools of Engineering, ASU</i>	
• GPSA Publication Grant	2021
<i>Graduate & Professional Student Association, ASU</i>	
• Dean's list	2015 - 2019
<i>Ira A. Fulton Schools of Engineering, ASU</i>	
• New American University Scholar	2015 - 2019
<i>Arizona State University</i>	

EXPERIENCE

• Graduate Research Assistant	05/2021 - now
<i>School of Computing and Augmented Intelligence, ASU</i>	
• Graduate Service Assistant	05/2024 - 08/2024
<i>Center on Narrative, Disinformation and Strategic Influence, ASU</i>	
• Visiting Research Assistant (Research Internship)	05/2023 - 08/2023
<i>Information Science Institutes, University of Southern California (USC)</i>	
• Teaching Assistant	01/2021 - 12/2022
<i>School of Computing and Augmented Intelligence, ASU</i>	
• Graduate Assistants Associates	06/2020 - 12/2020
<i>Julie Ann Wrigley Global Institute of Sustainability, ASU</i>	

TALKS AND PRESENTATIONS

• Catching Chameleons: Detecting Evolving Disinformation Generated using Large Language Models	11/2025
<i>Invited Lecturer at ASU</i>	
• Disinformation Detection: An Evolving Challenge in the Age of LLMs	04/2024
<i>Presentation at SDM Doctoral Forum</i>	
• The Emerging Threat of AI-Generated Content and Media Bias	12/2023
<i>Invited Talk at Nanjing University of Posts and Telecommunications</i>	
• Linking Online Activity to Offline Behavior	01/2023
<i>Invited Panelist at IDEAS, Carnegie Mellon University</i>	

PROFESSIONAL SERVICES

- **Invited Program Committee Member & Reviewer:** WWW'25-26, ICDM'24-25, SDM'24-25, CIKM'24-25, Coling'23-26, KDD'23-26, ICWSM'23-26, AAAI'23-26, BigData'22-26, Big Data Research'22, SBP-BRiMS'21-23, SNAM'20-21, IEEE Access, JMIR; etc
- **Invited External Reviewer:** ACM MM'22, CIKM'21, CySoc'21, ASNOAM'21, AI4AN'21, ECML'20, TKDE'19; etc
- **Session Chair & Volunteer:** SDM'24, DSAA'24, CogMI'24, KDD'23, WSDM'22, SBP-BRiMS'21-22, HPDC'18; etc