Siqi Wu

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Academic appointments	**Indiana University** Bloomington, IN, USA	2024.08 - present
	Assistant Professor, Luddy School of Informatics, Computing, and Engineering	
	University of Michigan Ann Arbor, MI, USA	2022.04 - 2024.07
	Postdoctoral Research Fellow, School of Information. Advisor: Paul Resnick	

Education	**Australian National University** Canberra, ACT, Australia	2016.06 - 2021.04
	Ph.D. in Computer Science. Advisor: Lexing Xie	
	University of Melbourne Melbourne, VIC, Australia	2013.07 - 2015.07
	M.S. in Information Technology	
	Tianjin University Tianjin, China	2008.09 - 2012.06
	B.E. in Electronics Engineering	

Awards

AAAI ICWSM Best Senior Program Committee 2022 – 2024

AAAI ICWSM Spotlight Paper 2021 ([8], top 8)

ACM CSCW Best Paper Honorable Mention 2019 ([12], top 5%)

Google PhD Fellowship 2018

NICTA PhD Scholarship 2016 – 2020

Publications

* Equal authorship

[1] Angela Schöpke-Gonzalez, **Siqi Wu**, Sagar Kumar, and Libby Hemphill. (2025) "Using Off-the-Shelf Harmful Content Detection Models: Best Practices for Model Reuse." *Proceedings of the 28th ACM Conference on Computer-Supported Cooperative Work* (CSCW '25).

[2] **Siqi Wu** and Paul Resnick. (2024). "Calibrate-Extrapolate: Rethinking Prevalence Estimation with Black Box Classifiers" In *Proceedings of the 18th International AAAI Conference on Web and Social Media* (ICWSM '24).

[3] Alexander Liu, **Siqi Wu**, and Paul Resnick. (2024). "How to Train Your YouTube Recommender to Avoid Unwanted Videos." In *Proceedings of the 18th International AAAI Conference on Web and Social Media* (ICWSM '24).

[4] Cai Yang, Lexing Xie, and **Siqi Wu**. (2023) "The Shapes of the Fourth Estate during the Pandemic: Profiling COVID-19 News Consumption in Eight Countries." *Proceedings of the 26th ACM Conference on Computer-Supported Cooperative Work* (CSCW '23).

[5] Juergen Pfeffer, Daniel Matter, Kokil Jaidka, Onur Varol, Afra Mashhadi, Jana Lasser, Dennis Assenmacher, **Siqi Wu**, Diyi Yang, Cornelia Brantner, Daniel M. Romero, Jahna Otterbacher, Carsten Schwemmer, Kenneth Joseph, David Garcia, and Fred Morstatter. (2023). "Just Another Day on Twitter: A Complete 24 Hours of Twitter Data." In *Proceedings of the 17th International AAAI Conference on Web and Social Media* (ICWSM '23).

[6] Jooyoung Lee,* **Siqi Wu**,* Ali Mert Ertugrul,* Yu-Ru Lin, and Lexing Xie. (2022). "Whose Advantage? Measuring Attention Dynamics across YouTube and Twitter on Controversial Topics." In *Proceedings of the 16th International AAAI Conference on Web and Social Media* (ICWSM '22).

[7] **Siqi Wu**. (2022). "Measuring Collective Attention in Online Content." *ACM SIG-WEB Newsletter*.

[8] ⚲ **Siqi Wu** and Paul Resnick. (2021). "Cross-Partisan Discussions on YouTube: Conservatives Talk to Liberals but Liberals Don't Talk to Conservatives." In *Proceedings of the 15th International AAAI Conference on Web and Social Media* (ICWSM '21).

[9] Minjeong Shin,* Alasdair Tran,* **Siqi Wu**,* Alexander Mathews, Rong Wang, Georgiana Lyall, and Lexing Xie. (2021). "AttentionFlow: Visualising Influence in Networks of Time Series." In *Proceedings of the 14th ACM International Conference on Web Search and Data Mining* (WSDM '21).

[10] **Siqi Wu**, Marian-Andrei Rizoiu, and Lexing Xie. (2020). "Variation across Scales: Measurement Fidelity under Twitter Data Sampling." In *Proceedings of the 14th International AAAI Conference on Web and Social Media* (ICWSM '20).

[11] Lu Cheng, Kai Shu, **Siqi Wu**, Yasin N. Silva, Deborah L. Hall, and Huan Liu. (2020). "Unsupervised Cyberbullying Detection via Time-Informed Gaussian Mixture Model." In *Proceedings of the 29th ACM International Conference on Information and Knowledge Management* (CIKM '20).

[12] ⚲ **Siqi Wu**, Marian-Andrei Rizoiu, and Lexing Xie. (2019). "Estimating Attention Flow in Online Video Networks". *Proceedings of the 22nd ACM Conference on Computer-Supported Cooperative Work* (CSCW '19).

[13] **Siqi Wu**, Marian-Andrei Rizoiu, and Lexing Xie. (2018). "Beyond Views: Measuring and Predicting Engagement in Online Videos." In *Proceedings of the 12th International AAAI Conference on Web and Social Media* (ICWSM '18).

[14] Quyu Kong, Marian-Andrei Rizoiu, **Siqi Wu**, and Lexing Xie. (2018). "Will This Video Go Viral? Explaining and Predicting the Popularity of Youtube Videos." In *WWW '18 Companion Proceedings of the The Web Conference* (WWW '18).

[15] **Siqi Wu**, Luca Morandini, and Richard O. Sinnott. (2015). "SMASH: A Cloud-based Architecture for Big Data Processing and Visualization of Traffic Data." In *2015 IEEE International Conference on Data Science and Data Intensive Systems*.

Grants

IU Global Client-based International Projects (CLIP) Fellowship ($3,000)

Teaching

Instructor in IUB ILS Z639 "Social Media Mining" (2024FA, 2025SP/FA)

Instructor in ICWSM Tutorial "Prevalence Estimation in Social Media Using Black Box Classifiers" (2023, 2024)

Teaching Assistant in ANU COMP6490 "Document Analysis" (2017, 2018)

Teaching Assistant in ANU COMP1030 "Art of Computing" (2017)

Mentoring

Yueru Yan (IUB PhD)

Yilin Gong (IUB PhD)

Soyeon Lee (IUB PhD)

Shohana Akter (IUB PhD)

Alexander Liu (UMich PhD)

Cai Yang (ANU undergraduate)

Professional service	ICWSM Review Quality Assurance Committee
	ICWSM 2023 Poster, Demo, and Dataset Track Co-chair
	ICWSM 2022 Student Volunteer and Scholarship Chair
	Senior Program Committee

- ICWSM (2022 – 2026)

Conference Program Committee/Reviewer

- CSCW (2019 – 2025)
- CHI (2024, 2025)
- TheWebConf (2019, 2020, 2023, 2024)
- WebSci (2022 – 2024)
- IC2S2 (2023, 2024)
- CIKM (2023, 2024)
- CCS (2024)
- ICIS (2022, 2023)
- ASONAM (2021, 2022)
- ICWSM (2017, 2018, 2021)
- AAAI (2019)

Ad Hoc Journal Reviewer

- EPJ Data Science
- Collective Intelligence
- Social Science Computer Review
- ACM Transactions on Information Systems
- Communication Methods and Measures
- HKS Misinformation Review
- Journal of Quantitative Description: Digital Media

Institutional service at IUB	Doctoral Steering Committee, ILS
	Data Science Curriculum Committee, Luddy School
	Undergraduate AI Degree Task Force, Luddy School

Invited talks	IUB Luddy ILS Colloquium, Jan 2025
	Gradient Institute, Jul 2022
	UChicago Human+AI Lab, Nov 2021
	Meta Core Data Science, Aug 2021
	Tsinghua Future Intelligence Lab, May 2021
	Google PhD Summit, Jul 2019
	ANU CECS Winter School, Jul 2019

Industry experience	**MicroStrategy** Hangzhou, Zhejiang, China *Software Engineer*, Big Data Engine team	2015.09 - 2016.05
	Baidu Beijing, China *Software Developer Intern*, Baidu Maps team	2014.12 - 2015.02