Siqi Wu

3345 North Quad
105 South State Street
Ann Arbor, MI 48109, USA

siqiwu@umich.edu
https://avalanchesiqi.github.io

Research areas	Computational social science; social computing; network science; content consumption; political polarization; digital media; data quality

Academic appointments	**University of Michigan** Ann Arbor, MI, USA *Postdoctoral Research Fellow*, School of Information. Advisor: Paul Resnick	2021.01 - present
	Australian National University Canberra, ACT, Australia *Research Fellow*, School of Computing. Advisor: Lexing Xie	2020.09 - 2021.03

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

Awards	AAAI ICWSM Best Senior Program Committee 2022 – 2024
	AAAI ICWSM Spotlight Paper 2021 ([3], top 8)
	ACM CSCW Best Paper Honorable Mention 2019 ([4], top 5%)
	Google PhD Fellowship 2018
	NICTA PhD Scholarship 2016 – 2020

Selected publications

Below are five representative publications. For a full list, see my Google Scholar page
https://scholar.google.com/citations?user=xUgVEuAAAAAJ

[1] **Wu, S.**, & Resnick, P. (2024). "Calibrate-Extrapolate: Rethinking Prevalence Estimation with Black Box Classifiers" To appear in *the 18th International AAAI Conference on Web and Social Media* (ICWSM'24).

[2] Cai, Y., Xie, L., & **Wu, S.** (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).

[3] ⚥ **Wu, S.**, & Resnick, P. (2021). "Cross-Partisan Discussions on YouTube: Conservatives Talk to Liberals but Liberals Don't Talk to Conservatives." *Proceedings of the 15th International AAAI Conference on Web and Social Media* (ICWSM'21).

[4] ⚥ **Wu, S.**, Rizoiu, M. A., & Xie, L. (2019). "Estimating Attention Flow in Online Video Networks". *Proceedings of the 22nd ACM Conference on Computer-Supported Cooperative Work* (CSCW'19).

[5] **Wu, S.**, Rizoiu, M. A., & Xie, L. (2018). "Beyond Views: Measuring and Predicting Engagement in Online Videos." *Proceedings of the 12th International AAAI Conference on Web and Social Media* (ICWSM'18).

Teaching	*Instructor* in ICWSM tutorial "Prevalence Estimation in Social Media Using Black Box Classifiers" (2023, 2024)
	Teaching Assistant in ANU course COMP6490 "Document Analysis" (2017, 2018)
	Teaching Assistant in ANU course COMP1030 "Art of Computing" (2017)

Mentoring

Alexander Liu (UMich PhD)

Cai Yang (ANU undergraduate) $\rightarrow$ University of Maryland

Professional services

ICWSM 2023 Poster, Demo, and Dataset Track Co-chair

ICWSM 2022 Student Volunteer and Scholarship Chair

Senior Program Committee

- ICWSM (2022 – 2024)

Conference Program Committee/Reviewer

- CSCW (2019 – 2024)
- TheWebConf (2019, 2020, 2023, 2024)
- WebSci (2022 – 2024)
- IC2S2 (2023, 2024)
- CIKM (2023, 2024)
- CHI (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

Invited talks

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	2015.09 - 2016.05
Software Engineer, Big Data Engine team	
Baidu Beijing, China	2014.12 - 2015.02
Software Developer Intern, Baidu Maps team	