

Siqi Wu

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<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 2021.01 - present
Postdoctoral Research Fellow, School of Information. Advisor: Paul Resnick
Australian National University Canberra, ACT, Australia 2020.09 - 2021.03
Research Fellow, School of Computing. Advisor: Lexing Xie

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. Advisor: Richard Sinnott
Tianjin University Tianjin, China 2008.09 - 2012.06
B.E. in Electronics Engineering. Advisor: Yugong Wu

Awards AAAI ICWSM Best Senior Program Committee 2022, 2023
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>
* Equal authorship ^ Corresponding author

- [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.**, Rizoïu, 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.**, Rizoïu, 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	<i>Instructor</i> in ICWSM tutorial “Prevalence Estimation in Social Media Using Black Box Classifiers” (2023, 2024) <i>Teaching Assistant</i> in ANU course COMP6490 “Document Analysis” (2017, 2018) <i>Teaching Assistant</i> in ANU course COMP1030 “Art of Computing” (2017)	
Mentoring	Alexander Liu (UMich PhD) Cai Yang (ANU undergraduate) → Saarland University/Max Planck Institute	
Professional services	ICWSM 2023 Poster, Demo, and Dataset Track Co-chair ICWSM 2022 Student Volunteer and Scholarship Chair Senior Program Committee <ul style="list-style-type: none"> • ICWSM (2022 – 2024) Conference Program Committee/Reviewer <ul style="list-style-type: none"> • CSCW (2019 – 2024) • TheWebConf (2019, 2020, 2023, 2024) • WebSci (2022 – 2024) • IC2S2 (2023, 2024) • CHI (2024) • CCS (2024) • ICIS (2022, 2023) • CIKM (2023) • ASONAM (2021, 2022) • ICWSM (2017, 2018, 2021) • AAI (2019) Ad Hoc Journal Reviewer <ul style="list-style-type: none"> • 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 <i>Software Engineer</i> , Big Data Engine team Baidu Beijing, China <i>Software Developer Intern</i> , Baidu Maps team	2015.09 - 2016.05 2014.12 - 2015.02
Miscellaneous	Long-distance running: 60+ (ultra) marathons finisher, 2:42 marathoner	