

# 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**

<b>Indiana University</b> Bloomington, IN, USA	2024.08 - present
<i>Assistant Professor</i> , Luddy School of Informatics, Computing, and Engineering	
<b>University of Michigan</b> Ann Arbor, MI, USA	2021.01 - 2024.07
<i>Postdoctoral Research Fellow</i> , School of Information. Advisor: Paul Resnick	
<b>Australian National University</b> Canberra, ACT, Australia	2020.09 - 2021.03
<i>Research Fellow</i> , School of Computing. Advisor: Lexing Xie	

**Education**

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

**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.**, 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)*.

<b>Teaching</b>	<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)	
<b>Mentoring</b>	Alexander Liu (UMich PhD) Cai Yang (ANU undergraduate) → University of Maryland	
<b>Professional services</b>	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"> <li>• ICWSM (2022 – 2024)</li> </ul> Conference Program Committee/Reviewer <ul style="list-style-type: none"> <li>• CSCW (2019 – 2024)</li> <li>• TheWebConf (2019, 2020, 2023, 2024)</li> <li>• WebSci (2022 – 2024)</li> <li>• IC2S2 (2023, 2024)</li> <li>• CIKM (2023, 2024)</li> <li>• CHI (2024)</li> <li>• CCS (2024)</li> <li>• ICIS (2022, 2023)</li> <li>• ASONAM (2021, 2022)</li> <li>• ICWSM (2017, 2018, 2021)</li> <li>• AAAI (2019)</li> </ul> Ad Hoc Journal Reviewer <ul style="list-style-type: none"> <li>• EPJ Data Science</li> <li>• Collective Intelligence</li> <li>• Social Science Computer Review</li> <li>• ACM Transactions on Information Systems</li> </ul>	
<b>Invited talks</b>	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	
<b>Industry experience</b>	<b>MicroStrategy</b> Hangzhou, Zhejiang, China <i>Software Engineer</i> , Big Data Engine team  <b>Baidu</b> Beijing, China <i>Software Developer Intern</i> , Baidu Maps team	2015.09 - 2016.05     2014.12 - 2015.02