

Siqi Wu

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Ann Arbor, MI 48109, USA

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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>

- [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	<p><i>Instructor</i> in ICWSM tutorial “Prevalence Estimation in Social Media Using Black Box Classifiers” (2023, 2024)</p> <p><i>Teaching Assistant</i> in ANU course COMP6490 “Document Analysis” (2017, 2018)</p> <p><i>Teaching Assistant</i> in ANU course COMP1030 “Art of Computing” (2017)</p>				
Mentoring	<p>Alexander Liu (UMich PhD)</p> <p>Cai Yang (ANU undergraduate) → Saarland University/Max Planck Institute</p>				
Professional services	<p>ICWSM 2023 Poster, Demo, and Dataset Track Co-chair</p> <p>ICWSM 2022 Student Volunteer and Scholarship Chair</p> <p>Senior Program Committee</p> <ul style="list-style-type: none"> • ICWSM (2022 – 2024) <p>Conference Program Committee/Reviewer</p> <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) • AAAI (2019) <p>Ad Hoc Journal Reviewer</p> <ul style="list-style-type: none"> • EPJ Data Science • Collective Intelligence • Social Science Computer Review • ACM Transactions on Information Systems 				
Invited talks	<p>Gradient Institute, Jul 2022</p> <p>UChicago Human+AI Lab, Nov 2021</p> <p>Meta Core Data Science, Aug 2021</p> <p>Tsinghua Future Intelligence Lab, May 2021</p> <p>Google PhD Summit, Jul 2019</p> <p>ANU CECS Winter School, Jul 2019</p>				
Industry experience	<table border="0"> <tr> <td data-bbox="406 1732 1218 1806"> <p>MicroStrategy Hangzhou, Zhejiang, China</p> <p><i>Software Engineer</i>, Big Data Engine team</p> </td> <td data-bbox="1218 1732 1443 1806">2015.09 - 2016.05</td> </tr> <tr> <td data-bbox="406 1806 1218 1877"> <p>Baidu Beijing, China</p> <p><i>Software Developer Intern</i>, Baidu Maps team</p> </td> <td data-bbox="1218 1806 1443 1877">2014.12 - 2015.02</td> </tr> </table>	<p>MicroStrategy Hangzhou, Zhejiang, China</p> <p><i>Software Engineer</i>, Big Data Engine team</p>	2015.09 - 2016.05	<p>Baidu Beijing, China</p> <p><i>Software Developer Intern</i>, Baidu Maps team</p>	2014.12 - 2015.02
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