

EDUCATION	University of Southern California , Los Angeles, CA	2022-
	<ul style="list-style-type: none">• Ph.D Student, advised by Swabha Swayamdipta	
	University of Michigan , Ann Arbor, MI	2017-2021
	<ul style="list-style-type: none">• B.S.E. in Computer Science Engineering (<i>summa cum laude</i>)• B.S. in Honors Mathematics (<i>with distinction</i>)	
RESEARCH AND INDUSTRY EXPERIENCE	<ul style="list-style-type: none">• ASAPP <i>Research Engineer: NLP Team</i>• ASAPP <i>Research Intern: NLP Team</i>• University of Michigan Department of Computer Science <i>Research Assistant</i>, with Joyce Chai• University of Michigan School of Information <i>Research Assistant</i>, with David Jurgens	2021-2022 2021 2019-2021 2019-2021
TEACHING EXPERIENCE AND SERVICE	<ul style="list-style-type: none">• University of Southern California Department of Computer Science <i>Teaching Assistant</i> for CSCI 499 (Language Models), CSCI 544 (Applied NLP), and CSCI 567 (Machine Learning)• University of Michigan Department of Computer Science <i>Instructional Assistant</i> for EECS 376 (an introductory course on Theoretical Computer Science)• University of Michigan Department of Mathematics <i>Math Lab Tutor</i>	2024- 2020-2021 2018-2020
PREPRINTS AND UNDER REVIEW	<ul style="list-style-type: none">• Sayan Ghosh, Shahzaib Saqib Warraich, Dhruv Tarsadiya, Gregory Yauney, and Swabha Swayamdipta. Sample, Align, Synthesize: Graph-Based Response Synthesis with Con-Grs, 2025a. URL https://arxiv.org/abs/2510.03527	
WORKSHOP PUBLICA- TIONS	<ul style="list-style-type: none">• Sayan Ghosh, Shahzaib Saqib Warraich, Dhruv Tarsadiya, Gregory Yauney, and Swabha Swayamdipta. Sample, Align, Synthesize: Graph-Based Response Synthesis with Con-Grs. In <i>The 1st Workshop on Test-time Scaling and Reasoning Models</i>, 2025b. URL https://openreview.net/forum?id=OmpqFNzUwa• Sayan Ghosh, Dylan Baker, David Jurgens, and Vinodkumar Prabhakaran. Detecting Cross-Geographic Biases in Toxicity Modeling on Social Media. In <i>Proceedings of the Seventh Workshop on Noisy User-generated Text (W-NUT 2021)</i>, pages 313–328, Online, November 2021. Association for Computational Linguistics. URL https://aclanthology.org/2021.wnut-1.35 (Best paper)	
PEER- REVIEWED CONFERENCE PUBLICA- TIONS	<ul style="list-style-type: none">• Abrar Anwar, Rohan Gupta, Zain Merchant, Sayan Ghosh, Willie Neiswanger, and Jesse Thomason. Efficient Evaluation of Multi-Task Robot Policies With Active Experiment Selection. In <i>9th Annual Conference on Robot Learning</i>, 2025. URL https://openreview.net/forum?id=pJ5FONkM9N	

- Sayan Ghosh, Tejas Srinivasan, and Swabha Swayamdipta. Compare without Despair: Reliable Preference Evaluation with Generation Separability. In Yaser Al-Onaizan, Mohit Bansal, and Yun-Nung Chen, editors, *Findings of the Association for Computational Linguistics: EMNLP 2024*, pages 12787–12805, Miami, Florida, USA, November 2024. Association for Computational Linguistics. URL <https://aclanthology.org/2024.findings-emnlp.747>
- Julia Mendelsohn, Sayan Ghosh, David Jurgens, and Ceren Budak. Bridging Nations: Quantifying the Role of Multilinguals in Communication on Social Media. *Proceedings of the International AAAI Conference on Web and Social Media*, 17(1):626–637, Jun. 2023. doi:10.1609/icwsm.v17i1.22174. URL <https://ojs.aaai.org/index.php/ICWSM/article/view/22174> (Best Methodology)
- Yuwei Bao, Sayan Ghosh, and Joyce Chai. Learning to Mediate Disparities Towards Pragmatic Communication. In *Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*, pages 2829–2842, Dublin, Ireland, May 2022. Association for Computational Linguistics. doi:10.18653/v1/2022.acl-long.202. URL <https://aclanthology.org/2022.acl-long.202>
- Innocent Ndubuisi-Obi*, Sayan Ghosh*, and David Jurgens. Wetin dey with these comments? Modeling Sociolinguistic Factors Affecting Code-switching Behavior in Nigerian Online Discussions. In *Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics*, pages 6204–6214, Florence, Italy, July 2019. Association for Computational Linguistics. doi:10.18653/v1/P19-1625. URL <https://aclanthology.org/P19-1625>

HONORS AND AWARDS

- Best Methodology Award - ICWSM 2023 2023
- Best Paper Award - Workshop on Noisy User-Generated Text (W-NUT) at EMNLP 2021 2021
- CRA Outstanding Undergraduate Researcher Award - Honorable Mention 2020
- University of Michigan Dean’s List: Every semester of study

TALKS

- Google Data Ethics Team Feb. 2021

MENTORING

- (Masters) Shahzaib Saqib Warrach 2024 -
- (Masters) Dhruv Tarsadiya 2025 -
- (Undergraduate) Naina Panjwani 2025 -
- (Undergraduate) Marios Tsotras 2025 -
- (Undergraduate) Aryan Gulati 2024 -
- (Undergraduate) Catherine He 2024 -
- (Undergraduate) Risha Surana (USC CURVE Program) 2023-2024

REVIEWING

- ARR, ACL, EMNLP, NAACL, ICLR

LANGUAGES SPOKEN English (native), Bengali (native), French, Hindi