

ANNA SOKOL

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University of Notre Dame
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EDUCATION

University of Notre Dame <i>Ph.D. in Computer Science</i>	2022 – present <i>Notre Dame, IN, USA</i>
Higher School of Economics <i>M.A. in Sociology</i>	2016 – 2018 <i>Moscow, Russia</i>
Vladimir State University <i>B.A. in Sociology</i>	2012 – 2016 <i>Vladimir, Russia</i>

FELLOWSHIPS AND MEMBERSHIPS

IBM Technology Ethics Lab Fellow <i>University of Notre Dame</i>	2025 <i>Notre Dame, IN, USA</i>
Graduate Justice Fellow <i>University of Notre Dame</i>	2024 – 2025 <i>Notre Dame, IN, USA</i>
Lucy Graduate Scholar <i>University of Notre Dame</i>	2023 – 2025 <i>Notre Dame, IN, USA</i>
Open Research Laboratory Fellow <i>University of Illinois Urbana–Champaign</i>	2022 <i>Urbana–Champaign, IL, USA</i>
International Network for Social Network Analysis <i>Member</i>	2020 – 2022 <i>Moscow, Russia</i>
International Political Science Association <i>Member</i>	2020 – 2022 <i>Moscow, Russia</i>

PUBLICATIONS

1. T. Nagar, G. Khvatskii, **A. Sokol**, N. V. Chawla, “Breaking Language Barriers: Equitable Performance in Multilingual Language Models,” *Proceedings of the 2025 Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*, Albuquerque, NM, USA, 2025. arXiv:2508.12662.
2. **A. Sokol**, M. L. Sisk, J. E. Alvarez, N. Chawla, “Ventana a la Verdad (Window to the Truth): A Chatbot Application for Navigating the Colombian Truth Commission’s Archives,” *Proceedings of the Eighteenth ACM International Conference on Web Search and Data Mining (WSDM ’25)*, 2025.
3. **A. Sokol**, E. Daly, M. Hind, D. Piorkowski, X. Zhang, N. Moniz, N. Chawla, “BenchmarkCards: Standardized Documentation for Large Language Model Benchmarks,” *arXiv preprint* arXiv:2410.12974, 2024.
4. **A. Sokol**, N. Moniz, N. Chawla, “Conformalized Selective Regression,” *arXiv preprint* arXiv:2402.16300, 2024.
5. V. Kuskova, D. Zaytsev, G. Khvatsky, **A. Sokol**, “Neural Network Modeling and What-If Scenarios: Applications for Market Development Forecasting,” in *Applications in Reliability and Statistical Computing*, H. Pham (Ed.), Springer, 2023, pp. 271–288. doi:10.1007/978-3-031-21232-1_14.
6. D. G. Zaytsev, V. V. Kuskova, G. S. Khvatsky, **A. A. Sokol**, “Searching for coherence in a fragmented field: Temporal and keywords network analysis in political science,” *Network Science* 11(1), 113–142, 2023. doi:10.1017/nws.2022.39.
7. V. V. Kuskova, D. G. Zaytsev, G. S. Khvatsky, **A. A. Sokol**, M. D. Vorobeva, R. A. Kamalov, “Expanding the boundaries of interdisciplinary field: Contribution of *Network Science* journal to the development of network science,” *Network Science* 11(1), 65–97, 2023.

8. G. S. Khvatsky, D. G. Zaytsev, V. V. Kuskova, **A. A. Sokol**, “Computational Tools of Media Analysis for Corporate Policy Effectiveness Evaluation: Models and Their Reliability,” in *Reliability and Maintainability Assessment of Industrial Systems: Assessment of Advanced Engineering Problems*, Springer, 2022, pp. 51–71.
9. K. Valentina, Z. Dmitry, S. Anna, K. Gregory, “Neural network modeling and what-if scenarios: Applications to various-term sales forecasts,” *Proceedings of the 26th ISSAT International Conference on Reliability and Quality in Design*, 2021, pp. 122–126. [link](#).
10. D. G. Zaytsev, A. I. Galina, **A. A. Sokol**, “Cross-National Comparison of Protest Publics’ Roles as Drivers of Change: From Clusters to Models,” in *Protest Publics: Toward a New Concept of Mass Civic Action*, 2019, pp. 157–182.

CONFERENCES

NAACL — Annual Conference of the North American Chapter of the ACL <i>Albuquerque, NM, USA</i>	2025
Doctoral Forum, SIAM International Conference on Data Mining (SDM25) <i>Alexandria, VA, USA</i>	2025
AAAI — The 39th Annual AAI Conference on Artificial Intelligence <i>Philadelphia, PA, USA</i>	2025
ADSA Annual Meeting <i>Ann Arbor, MI, USA</i>	2024
8th CODS–COMAD 2024 (12th IKDD CODS and 30th COMAD) <i>Jodhpur, India</i>	2024
Sunbelt Conference of the International Network for Social Network Analysis <i>Portland, OR, USA</i>	2023
118th APSA Annual Meeting & Exhibition <i>Montreal, Canada</i>	2022
5th European Conference on Social Networks <i>Naples, Italy</i>	2021
XXII April International Scientific Conference on Economic and Social Development <i>Moscow, Russia</i>	2021
26th World Congress of Political Science <i>Lisbon, Portugal</i>	2021
The European Consortium for Political Research <i>Virtual Event</i>	2021
Networks in the Global World <i>St. Petersburg, Russia</i>	2020
Sunbelt Conference of the International Network for Social Network Analysis <i>Paris, France</i>	2020
XX April International Academic Conference on Economic and Social Development <i>Moscow, Russia</i>	2019
ECPR General Conference <i>Hamburg, Germany</i>	2018
Sunbelt Conference of the International Network for Social Network Analysis <i>Utrecht, Netherlands</i>	2018
XIX April International Academic Conference on Economic and Social Development <i>Moscow, Russia</i>	2018

ACADEMIC APPOINTMENTS

University of Notre Dame, DIAL Laboratory

Graduate Research and Teaching Assistant

2022 – present

Notre Dame, IN, USA

Higher School of Economics, International Laboratory for Applied Network Research

Program Deputy Academic Supervisor, Master of Data and Network Analytics

2021 – 2022

Moscow, Russia

Higher School of Economics, International Laboratory for Applied Network Research

Research Assistant

2017 – 2020

Moscow, Russia

OTHER ACADEMIC EXPERIENCE

- Associate Director and Statistical Consultant, DeMAS-Center
- Teaching assistant for on-campus courses at the University of Notre Dame:
 - Data Science
 - AI for Social Good
- Teaching assistant for online Coursera courses (until 2022) in the Master of Data and Network Analytics (MDNA):
 - Contemporary Data Analysis: Survey and Best Practices
 - Network Analysis
 - Advanced Probability Concepts and Stochastic Processes (closed specialization)

PROGRAMMING LANGUAGES AND APPLICATIONS

- Python, R, SQL; SAS, Stata; \LaTeX ; LISREL; SPSS; Gephi; Orange

MEMBERSHIP

- Member, study group “Civic Participation and Political Change Research and Study Group” (2017–2018)