ARIANNA PERA
PhD Student in Computer Science

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https://ariannap13.github.io/

EDUCATION

PhD in Computer Science   **Jan 2023 - Present**
IT University of Copenhagen, Copenhagen, Denmark   *Expected graduation: Winter 2025/2026*
Advisor: Luca Maria Aiello

MS in Data Science   **2020 - 2022**
University of Milano-Bicocca, Milan, Italy

BS in Statistics and Information Management   **2017 - 2020**
University of Milano-Bicocca, Milan, Italy

Research areas: Computational Social Science, Natural Language Processing, Applied Machine Learning

SELECT EXPERIENCE

School of Information, University of Michigan   Ann Arbor, MI, USA   **Aug 2024 - Present**
Visiting PhD Researcher, Fall Semester
Lead multidisciplinary research project, advised by Prof. Ceren Budak, drawing connections between social sciences and state-of-the-art Natural Language Processing models. Communicate research concepts to multidisciplinary audiences (Computer Science, Political Communication and Computational Social Science research groups).

IT University of Copenhagen   Copenhagen, Denmark   **Jan 2023 - Present**
PhD Researcher
Conduct independent research in Computational Social Science, Natural Language Processing and Applied Machine Learning. Propose, design and execute novel computational experiments. Present research in international scientific conferences. Manage paper submission process (write, edit, redraft). Mentor >10 students, teach seminars in MS Data Science, organize Research Lab meetings.

University of Milano-Bicocca   Milan, Italy   **2022**
Research Intern
Conduct independent research in Natural Language Processing, review state-of-the-art literature and develop machine learning explainability tools.

SELECT PAPERS   *GScholar*

1. Narratives of Collective Action in YouTube's Discourse on Veganism **(AAAI ICWSM)**
2. Shifting Climates: Climate Change Communication from YouTube to TikTok **(ACM WebSci)**
3. The Parrot Dilemma: Human-Labeled vs. LLM-augmented Data in Classification Tasks **(EACL)**
4. Measuring Behavior Change with Observational Studies: a Review **(in progress)**
5. Finding Hidden Swing Voters in the 2022 Italian Elections Twitter Discourse **(in progress)**

MORE INFO

Conference Talks IC2S2, Complex Networks, NetSciX, ACM WebSci, AAAI ICWSM
Reviewer   IC2S2, Conference on Complex Systems, NetSciX, WebSci, ASONAM, npj climate action
Service   Organizing Committee ICWSM 2025