ARIANNA PERA

PhD Student in Computational Social Science
Expected Thesis Submission: Dec 2025

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EDUCATION

PhD in Computational Social Science   **Jan 2023 - Present**
IT University of Copenhagen, Copenhagen, Denmark
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

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 MSc Data Science, organize Research Lab meetings.

School of Information, University of Michigan   Ann Arbor, Michigan, USA   **Aug 2024 - Dec 2024**
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).

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. Extracting Participation in Collective Action from Social Media **(in progress)**
4. The Parrot Dilemma: Human-Labeled vs. LLM-augmented Data in Classification Tasks **(EACL)**
5. Measuring Behavior Change with Observational Studies: a Review **(in progress)**

MORE INFO

Conference Talks	IC2S2, Complex Networks, NetSciX, ACM WebSci, AAAI ICWSM
Invited Talks	CENTAI (Turin), ISI Foundation (Turin), Copenhagen Business School (Copenhagen)
Service	Reviewer for IC2S2, CIKM, ICWSM, Conference on Complex Systems, NetSciX, WebSci, ASONAM, npj climate action
	Organizing Committee ICWSM 2025