

Alessandro Mirone

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Data di nascita: 6/10/1996

Professional profile

Data Science M.Sc graduate with a B.A. in Communication Sciences, specializing in digital sociology research. Skilled in leveraging advanced analytics and machine learning to examine social patterns within digital environments. Experienced in conducting data-driven sociological research from undergraduate through graduate studies, mainly focusing on online digital practices analyses. Passionate about merging quantitative analysis with sociological theories to explore the impact of digital transformations on society.

Research Interests

Quantitative social research - Computational sociology - Digital practices - Digital communities - Social methodology - Policy analysis - Econometrics - Macroeconomics - Urban studies - Machine learning - Deep learning - Supervised and unsupervised statistical learning - Bayesian statistics - Big data analysis - Time series analysis

Research Methods

Qualitative interviews - Multimodal ethnography - Inferential and descriptive statistics - Bayesian statistics - Regression analysis - Multivariate statistics - Classification analysis - Neural networks - Soft and hard clustering - Tree predictors - Ensemble methods - Dimensionality reduction - Analysis of variance - Probabilistic graphical models - Web scraping - Natural language processing - Time series analysis

Education

Master's Degree: Data Science and Economics

Università degli Studi di Milano, 2023

Milano

Thesis "DIGITAL HABITUS: COMPUTATIONAL ANALYSIS OF ONLINE COMMUNITIES PRACTICES"

Supervisor: Prof. Giancarlo Manzi

Co-Supervisor: Prof. Alfio Ferrara

Score: 110/110

Bachelor's Degree: Comunicazione e Società

Università degli Studi di Milano, 2019

Milano

Thesis: "LE EURISTICHE NEI GRUPPI SOCIALI: ANALISI SOCIO-COGNITIVA DELLE INTERPRETAZIONI INDIVIDUALI"

Supervisor: Prof. Paola Alessandra Rebughini

Score: 110/110

High school diploma

Liceo Classico Bartolomeo Zucchi, 2015

Monza

Member of "INDA - Istituto Nazionale Dramma Antico"

Member of "Kerkis - Teatro Antico in Scena"

Summer and Winter Schools

- **Winter School in Casual Inference.** European Consortium for Political Research (ECPR) Methods Schools, Faculty of Social Sciences - KU Leuven. (February 2024)
- **Winter School in Collecting and Analysing Big Data for Social Sciences.** European Consortium for Political Research (ECPR) Methods Schools, Faculty of Social Sciences - KU Leuven. (February 2024)

- **Winter School in Key Topics for Urban Studies**, March 2024, University of Amsterdam, Graduate School of Social Sciences. (March 2024)

Conferences and Publications

- **2024 ICA Regional Conference Human Tech Transition: Crises in Mediatized Politics, Society & Economy. Presentation:** "The Digital Space as the Symbolic Field: Computational Analysis of Online Communities' Practices".
- **"The Digital Space as the Symbolic Field: Computational Analysis of Online Communities' Practices"** - ICA Publications, 2024. (Pending review).
- **"Representative determinants and the symbolic field: a methodological paradigm for computational analysis of the digital social space"** in Cambio, rivista sulle trasformazioni sociali, volume 14, numero 27- Continuità e discontinuità nella digitalizzazione del lavoro, delle organizzazioni e dei mercati, Firenze University Press, 2024. (Pending review).

Projects

<https://github.com/AlessandroMirone?tab=repositories>

Technical Skills

- R
- Python
- STATA
- EViews
- MatLab
- DBMS (SQL; MongoDB)

Working Experience

Aprile 2023 - Maggio 2023

Data Science Intern

Banca Mediolanum S.p.A.

Milano

Languages

Italiano: LINGUA MADRE

Inglese:

C2

Avanzato superiore

Francese:

B1

Intermedio