Mario Marcolongo

Scientific Research & Fact-Checking

Italy · EU citizen · Native Italian, fluent English · Open to relocation & remote work · Available now
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Summary

Paid scientific fact-checking, data visualization and website operations since 2023, with recent AI workflow configuration and client training. Source investigations, structured metadata, remote research facilitation and accepted Atlas contributions.

Experience

Entropy for Life
Science Writer, Fact-Checker & Website Manager · Paid contractor · Jun 2023–Present · Hybrid, primarily remote · Bassano del Grappa, Italy
Client: Italian science YouTube channel · 272K subscribers (Oct 2026)

- Research, fact-checking, scripts or visuals for 57 YouTube videos, 4 articles and 21 short-form entries (collection checked Oct 2026).
- Research primary literature and adapt English-language evidence for Italian content; acknowledged for literature research and error detection in Italiani veri (Mondadori, a major European publishing group, 2025).

University of Padua research project
Volunteer research support · Nov 2022–2025 · Remote, Italy

- Led or co-facilitated 4–5 remote focus groups under Marta Panzeri (DPSS); supported literature research, recruitment, accessible participation and technical preparation.

Projects & public contributions

AI Safety Formalization Atlas
Open-source contributor & preprint coauthor · Sep 2026–Present · Remote

- Five merged PRs: source-metadata audit, 15 citation locators, macOS validation and agent instructions.
- Coauthor, The AI Safety Formalization Atlas (Zenodo preprint, 2026).

Wikipedia, Wikidata & Wikimedia Commons
Public contributor · Since 2018 · Remote

- Created an original biomedical diagram reused in a Springer Nature book chapter and four Wikipedia language editions; improve bilingual Wikidata terminology.

Yourself to Science
Founder & maintainer · Since 2024 · Independent project, remote

- Founded and maintain a directory of 55 research-participation resources, with linked sources, releases archived on Zenodo (DOI) and a FAIRsharing knowledgebase record.

Education & credentials

Metropolia University of Applied Sciences — Information Technology — Open UAS Path Studies
Aug 2026–Present
Fully online degree-credit pathway toward a BEng; self-paced coursework and assessments. Python Programming: 3 ECTS, Pass (Sep 2026).

University of Campania Luigi Vanvitelli — Medicine coursework
2020–approx. 2023 (attendance)

Microsoft Applied Skills: Build an agent in Microsoft Copilot Studio · Oct 2026

Skills

Demonstrated work: Literature search, data visualization, WordPress, structured metadata and accessible research procedures.

Independent investigations: Source tracing, web archives, domain and website checks, image verification and cross-platform research; distinguish observed connections from attribution hypotheses.

Current study: Python, SQL, systems and quantitative foundations.

Languages

Italian native · English fluent (EF SET C1, Mar 2024) · Certificate

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Independent software projects use AI-assisted implementation. Full experience and source records.