



Marco Cremaschi,

PH.D

Research Assistant

- Email
marco.cremaschi@unimib.it
- Website
cremarco.bitbucket.org
- Phone
(+39) 366 41 68 368
- Address
Milan, Italy

Socials

- LinkedIn
[marco-cremaschi](#)
- GitHub
[cremarco](#)

Languages

- Italian
Native
- English
Professional working

Research

Research Profile

I am a PhD in Computer Science (University of Milan-Bicocca, 2020) and currently a researcher at the University of Milan-Bicocca (DISCo), working at the intersection of **Semantic Web/Knowledge Graph technologies** and **AI/ML**, with a specific focus on semantic table interpretation, data enrichment, and LLM-based systems for decision support.

My research spans end-to-end methods and tools for building high-quality semantic representations from heterogeneous data, and applying them to real-world domains including **mental health** and **early risk detection**, through **clinical decision support** and predictive modelling.

I have authored peer-reviewed publications in leading conferences and journals, with a solid research impact and international recognitions including ESWC Best Demo Award (2019) and ISWC Best Resource Award (2025).

I actively contribute to the research community through service and leadership roles (e.g., Chair of SemTab@ISWC, tutorial organisation, associate editor and PC/reviewer roles).

A key dimension of my profile is the **continuous involvement in international research networks and projects**: I hold responsibilities in COST Actions and I have contributed to EU-funded initiatives on open data exploitation and semantic enrichment.

I also gained **international experience** through research activity abroad at Bielefeld University (Semantic Computing Group) and through research contracts at Sofia University "St. Kliment Ohridski" focused on data enrichment for AI.

Alongside academia, I combine research with **grant writing and R&D project management** and with **technology transfer**, including the role of co-founder/CTO of a university spin-off.

Research Interest

Semantic Web, Knowledge Graphs, Semantic Table Interpretation, Mental Health, Clinical Decision Support Systems, Disease Risk Prediction Models, Early Disease Detection Systems

475 citations | 13 h-index | 17 i10-index

Google Scholar

9 citations

Scopus

Academic experiences

University of Milan-Bicocca

[Link](#) Feb 2025 – Gen 2026
Milan, Italy

Holder of a research grant (assegno di ricerca B) on the topic "Design and development of an Artificial Intelligence/Machine Learning model for creating a decision support system in the psychological/psychiatric field", SSD INF/01. Department of Informatics, Systems and Communication.

University of Milan-Bicocca

[Link](#) Gen 2022 – Gen 2025
Milan, Italy

Holder of a research grant (RTD/A) on the topic "Semantic and AI technologies for early digital intervention in psychiatric services," SSD INF/01, funded by the Italian Ministero dell'Università e della Ricerca through the European project D.M. 1062/2021 – Piano Operativo Nazionale - PON "Ricerca e Innovazione" 2014– 2020 Asse IV, azioni IV.4 "Dottorati e contratti di ricerca sulle tematiche dell'innovazione". Department of Informatics, Systems and Communication.

University of Milan-Bicocca

[Link](#) Feb 2021 – Gen 2022
Milan, Italy

Holder of a research grant (assegno di ricerca B) on the topic "Analysis and semantic annotation of data related to the nutritional components of food", SSD ING/INF-05. Department of Informatics, Systems and Communication.

University of Milan-Bicocca

[Link](#) Feb 2020 – Gen 2021
Milan, Italy

Holder of a research grant (assegno di ricerca) on the topic "Analysis and semantic annotation of data related to the nutritional components of food", SSD ING/INF-05. Department of Informatics, Systems and Communication.