Francesca Dagostin

Contact information

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📍 Riva del Garda (TN), IT

in https://www.linkedin.com/in/francescadagostin/

Digital skills

R, RStudio, Excel ● ● ● ● ●
MS SQL Server ● ● ● ● ○
Google Data Studio ● ● ● ● ●
Microsoft Power BI ● ● ● ○ ○
Spatial analysis (GIS) ● ● ● ● ●
Audacity ● ● ● ● ●
GIMP ● ● ● ○ ○
PowerDirector/CapCut ● ● ● ● ●
WordPress ● ● ● ○ ○
Canva ● ● ● ● ○
Microsoft Office Suite ● ● ● ● ●

Language skills

Italiano ● ● ● ● ●
English (C1) ● ● ● ● ○
Deutsch (B1) ● ● ● ○ ○
Français (B1) ● ● ● ● ○

Driving license

B

Work experience

Researcher in health ecology
Fondazione Edmund Mach | July 2021

- Drafting of scientific articles and project proposals for national and international calls.
- Data analysis and modeling for health risk assessment.
- Scientific dissemination of results through webinars, events, interviews, posters, and conference presentations.
- Facilitation of workshops with stakeholders and partners.
- Design and development of content for websites and digital applications (projects: MOOD, ZanZeMap, ZeccApp).

Data visualization consultant
SDG Group | May 2021 - July 2021

- Consulting and Business Analytics activities. Development of interactive dashboards for client data visualization.

Data analyst
Vittoria Assicurazioni | September 2020 - April 2021

- Development of text mining algorithms for real-time processing of textual sources such as complaints and questionnaires.
- Design and implementation of group activities to support team building within the "Vittoria League" program.

Environmental engineer
SINA S.p.A. | April 2018 - September 2020

- Drafting of acoustic and environmental impact studies.
- Analysis and management of spatial data.

Postgraduate research experience overseas
Pennsylvania State University (USA) | March 2017 - March 2018

Research project at the Center for Infectious Disease Dynamics in collaboration with Politecnico di Milano.
- Epidemiological data analysis and mathematical modeling.
- Drafting of scientific articles, posters, and presentations.

Collaboration activity and student orientation
Politecnico di Milano | August 2016 - December 2016

- Student support and orientation (incoming students)

Education

Master SciComm (Communication of Science and Innovation)
Università di Trento | September 2023 - June 2024

Master's program offered by the Department of Sociology and Social Research, providing professional skills in scientific communication and research.
Main courses: Science Storytelling & Podcasts, Visual Communication of Science, Communicating Innovation to Investors and Stakeholders, Branding Strategies.

MSc. Environmental and land planning engineering
Politecnico di Milano | December 2016

Thesis: "Spatio-temporal diffusion of Ebola Virus Disease in Senegal: a predictive model based on Call Data Records". Ecology Group (DEIB PoliMi).
FInal mark: 110/110 e lode (full mark with honours)

Study abroad experience (Erasmus+)
Universität Stuttgart (DE) | March 2015 - September 2015

BSc. Environmental and land planning engineering
Politecnico di Milano | February 2014

High school diploma in foreign languages
Liceo A. Maffei, Riva del Garda | July 2010

Main projects and publications

Projects
- MOOD Horizon 2020 ("MOnitoring Outbreaks for Disease surveillance in a data science context"), https://mood-h2020.eu
- VectorNet, https://www.vectornetdata.org
- Zanzemap, https://www.zanzemap.it
- ZeccApp, https://sites.google.com/fmach.it/zeccapp

Publications
- Ecological factors affecting the risk of TBE in Europe, 2017 to 2021. 10.2807/1560-7917.ES.2023.28.42.2300121.
- High habitat richness reduces the risk of TBE in Europe: A multi-scale study. https://doi.org/10.1016/j.onehlt.2023.100669.
- Presentation "A machine learning framework for the assessment of TBE risk in Europe", https://bit.ly/MOOD24

Awards

Best Scientific Poster, MOOD Conference (2023): "High habitat richness limits the risk of tick-borne encephalitis in Europe."

Ermenegildo Zegna Founder's Scholarship (2017): Scholarship supporting the research period at Penn State University (USA).