

# GIACOMO LABBRI

## SKILLS

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- **Data Analysis:** Experience in analyzing and presenting complex data in a wide range of fields from meteorology to marketing. Solid understanding of advanced mathematics, statistics, and machine learning methods.
- **Problem Solving:** Fast and effective learning of new information and methods. Experienced in understanding complex problems, evaluating solutions, and interpreting final results.
- **Communication:** Proficient in presenting results to academic and corporate audiences. Research experience in several scientific projects.

## PROFESSIONAL EXPERIENCE

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### Junior Researcher

CMCC, Viterbo, ITALY

March 2024 – today

- Process and analyze data from ICOS stations across Europe.

### Junior Researcher

CNR - ISAC, Turin, ITALY

June 2022 – June 2023

- Analyzed tropospheric ozone data to understand the drivers of ozone enhancement events in the Antarctic using time series analysis and data from meteorological stations, soundings and satellites.

### Data Analyst

Booster Box, Pietrasanta, ITALY

July 2022 – April 2023

- A/B testing to evaluate the effect of new campaigns/ad channels on marketing strategy, leading to over a 20% increase in ROAS for several clients.
- Implemented a geo-clustering algorithm in Python to geo-target campaigns, resulting in a 30% increase in ROAS for a new client.
- Daily use of SQL, Bigquery, DataStudio, and CRMmint to maintain data pipelines and produce dashboards.
- Created customer audiences and developed a funnel depth analysis using client CRM data.

### Researcher Assistant

GEOMET, University of Cologne, Cologne, Germany

May 2021 – Sep 2023

- Contribute to the publication of a paper on mesoscale air-sea interactions carrying out satellite data analysis using Python

**LANGUAGES:** Italian (native), English (fluent), Spanish (proficient), German (basic)

**TECHNICAL SKILL:** Python, SQL, Matlab, GSuite, CRmint, Zapier

## EDUCATION

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### **MS Physics of the Earth System (Meteorology and Oceanography)**

UNIVERSITY OF BOLOGNA, Bologna, ITALY

Graduation: May 2021

**Erasmus exchange:** GEOMET, Cologne University, Germany

**Relevant Skills:** Advanced Meteorological Data Analysis, Oceanographic Research Methods

### **BSc Physics**

UNIVERSITY OF TRIESTE, Trieste, ITALY

Graduation: Sep 2018

**Erasmus exchange:** University of Granada, Spain (1 year)

**Relevant Skills:** Statistical Analysis in Physics, Experimental Physics Techniques

**COURSES:** Data Analyst IBM Certification, Machine Learning in Weather and Climate (by ECMWF)

**INTERESTS:** Wild-swimming, swing, yoga, climate change

## PUBLICATIONS

- Acquistapace, C., Meroni, A. N., Labbri, G., Lange, D., Späth, F., Abbas, S., Bellenger, H. (2022). "Fast atmospheric response to a cold oceanic mesoscale patch in the north-western tropical Atlantic." *Journal of Geophysical Research: Atmospheres*, 127(21), e2022JD036799. Wiley Online Library.
- Acquistapace, C., Coulter, R., Crewell, S., Garcia-Benadi, A., Gierens, R., Labbri, G., Myagkov, A., Risse, N., Schween, J. H. (2022). "EUREC 4 A's Maria S. Merian ship-based cloud and micro rain radar observations of clouds and precipitation." *Earth System Science Data*, 14(1), 33-55. Copernicus GmbH.
- Acquistapace, C., Coulter, R., Crewell, S., Garcia-Benadi, A., Gierens, R. T., Labbri, G., Myagkov, A., Risse, N., Schween, J. H. (2021). "EUREC 4 A's Maria S. Merian ship-based cloud and micro rain radar observations of clouds and precipitation." *Earth System Science Data Discussions*, 1-37. Göttingen, Germany.
- Karstensen, J., Speich, S., Renault, L., Giordani, H., Meroni, A., Pasquero, C., Desbiolles, F., Bellenger, H., Bopp, L., Lapeyre, G. (2021). "The EUREC4A-Ocean/Atmosphere campaign: status." *AGU Fall Meeting Abstracts*, A23B-03.

- Acquistapace, C., Meroni, A., Lange, D., Späth, F., Labbri, G. (2021). "Atmospheric Imprint of a Cold Sea Patch in the North-western Tropical Atlantic." AGU Fall Meeting Abstracts, OS45E-1181.