

Giacomo Fantato

Data Scientist at European Central Bank - ECB

Contacts

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About me

I hold a bachelor's degree in *Computer Science for Management* and a Master's degree in *Economics and Data Analysis*. I am passionate about data analysis, artificial intelligence and data science. As a hobby, I am a motorsports photographer and an automotive and applied engineering enthusiast, especially aviation.

Education

MSc, Erasmus+

Uniwersytet Warszawski - WNE faculty
09/2024 - 07/2025 (1 year program)
Data Science and Quantitative Finance
GPA: 3.75/4.0 or Polish: 4.4/5.0

MSc, Economics and Data Analysis

University of Verona
10/2023 - 09/2025
Grade: 101

BSc, Computer Science for Management

Alma Mater Studiorum - University of Bologna
2019 - 2023
Grade: 100

Secondary School Diploma in IT & telecommunications

IIS O. Belluzzi
2014 - 2019
Grade: 86

Languages

English - C1
French - school level
Italian - native
Polish - A1 (UW Polonicum certificate)

Work experience

Data Scientist

European Central Bank (ECB)
02/2026 - Present *Frankfurt am Main, Germany*
Data Scientist Trainee at European Central Bank, within the Directorate General Statistic (DGS), part of the CASPAR team. Use of Python, main data science and data visualisation libraries, to provide meaningful insights. Using the major DevOps and DevSecOps paradigm from develop to deploy of the code.

IT Strategy Consultant

KPMG Italy
07/2025 - 01/2026 *Verona, Italy*
Member of the CIO Advisory team at Nolan, Norton Italia, supporting organizations in defining IT strategies, digital transformation programs, ICT investment optimization and SOX compliance. Activities include the design of technology and data strategies, ICT planning, governance models, vendor management, cybersecurity and compliance. Also involved in PMO activities supporting complex technology and organizational projects.

Business Intelligence Analyst

Aggity Italy
01/2023 - 03/2023 *Bologna, Italy*
Realization of dashboards and reports in Power BI for manufacturing companies, related to Industry 4.0. Using PowerQuery and SQL Server Management Studio (SSMS) for data mining, on I4.0 manufacturing DBs, derived from OperaMES. Use of major software engineering paradigms, from development to final deployment on the cloud.

Search Engine Optimization (SEO) Specialist

Gold Future Trends Ltd.
06/2018 - 07/2018 *Vilnius, Lithuania*
Creation of multimedia and graphic content such as flyers and business cards, through the use of Adobe suite (Illustrator, Photoshop and Premiere Pro). Management and optimization of CMS (WordPress) for companies operating in the manufacturing and service sectors, through the use of Google SEO. Creation and management of advertising through Google Ads.

HPC User Support

CINECA
03/2018 - 04/2018 *Bologna, Italy*
Development of a scheduler in Python (via Slurm and Courses library), related to active jobs on the Marconi HPC cluster. Learning the main logics of task management on a Unix HPC architecture (CentOs). Using DevSecOps for development and deployment of the completed software product.

Certifications

CINECA - HPC User Support
IBM - Applied Data Science with Python - 1 & 2
IBM - Big Data Foundations
IBM - Data Analysis Using Python
IBM - Data Visualization Using Python
IBM - Hadoop Foundations - Level 1
IBM - Machine Learning with Python - 1
IBM - Python for Data Science
AWS - Knowledge: Data Protection & Disaster Recovery
AWS - Knowledge: Architecting
AWS - Knowledge: Cloud Essential
AWS - Knowledge: Serverless
Board - Building a Planning Solution in Board
Board - Expanding Board in Your Organization
Board - Foundations of Building in Board
University of Verona - SAP for Data Science

Projects

Expeditions

Coesia S.p.A.

03/2017 - 04/2017

Bologna, Italy

Project in collaboration with the MAST foundation, aimed at developing the skills of cooperative collective and the development of I4.0 projects in team work, as part of alternating school work. Increasing soft skills in the workplace and while presenting projects to technical committees.

Learning the main logics of Industry 4.0 and manufacturing in the packaging sector.

Volunteering

COVID-19 emergency volunteer

Fondazione Policlinico Sant'Orsola

Mar 2021 - Jun 2021

Bologna, Italy

Volunteer at the Sant'Orsola polyclinic in Bologna for flow management during the coronavirus health emergency.

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