

LETIZIA DIMONOPOLI

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Education

BOCCONI UNIVERSITY

Milano, IT

MSc in Data Science and Business Analytics (Statistical Sciences LM-82)

Aug 2024 - Oct 2026

- Relevant Coursework (Data Science track): Algorithms, Advanced Machine Learning, Macro-Econometrics, Natural Language Processing, Optimization, Quantitative Portfolio Management, Stochastic Processes
- Student Ambassador, handpicked by staff to speak on a panel for an audience of 500+ high school students

BSc in Economics, Management and Computer Science · 105/110 · GPA 27.3/30

Aug 2021 - Jul 2024

- Relevant Coursework: Advanced Mathematics, Advanced Statistics, Computer Programming, Econometrics, Machine Learning
- Merit-based exchange program at the **University of Maryland**, College Park (MD), US · Jan - May 2024 · GPA 4.0/4.0

EDUCANDATO STATALE E. SETTI CARRARO DALLA CHIESA

Milano, IT

Italo-French EsaBac dual degree program · 100/100 cum laude · 20/20 avec les félicitations du jury

Sep 2016 - Jun 2021

- Merit-based in-depth courses at **Scuola Normale Superiore di Pisa** and **Politecnico di Milano**, via national selection
- Class Representative in 12th grade

Experience

UBS

Zurich, CH

Data Scientist Intern

Feb - Aug 2026

- Research and evaluation of Small Language Model performance for meeting transcripts recognition tasks in collaboration with the Dalle Molle Institute for Artificial Intelligence (IDSIA). Attended GenAI Zurich 2026 conference.

AMAZON

Luxembourg, LU

Software Dev Engineer Intern

Jul - Dec 2025

- Led the end-to-end migration and improvement of a data collector service from the legacy system to Native AWS within the Cross-Border Fulfillment Network team, including architecture design, implementation, testing (unit and integration), using Java, core AWS Services, AWS CDK and Dagger dependency injection.

BLACKROCK

Edinburgh, UK

Summer Analyst (Software Engineering division)

Jun - Aug 2023

- Automated the response to 6 alerts using DROOLS language (based on Java), saving the division ~51h/week.
- Organized 2 department-wide events for 50+ employees.

PEOPLE YIELD

Milano, IT

Summer Intern

Jun - Jul 2022

- Mapped and tested an OKR software, implemented Tableau visualizations to identify the Organizational Network.

Leadership & Activities

UBS

Zurich, CH

Tomorrow's Talent Program (Tech)

Apr - Sep 2025

- Reached out to by a recruiter and selected for a fully funded kickoff event, subsequent mentorship program and closing event.

BSI BOCCONI - BUILD SUSTAINABLE INNOVATION

Milano, IT

Head of Technology

Jan - Jun 2025

- Managed 2 tech projects, including one for a major Italian manufacturer (€460M 2022 sales), coordinating 2 teams of 6 members.

Technology Consultant

Sep 2022 - Jan 2025

- Automated the interview scheduling process with Pandas; analyzed agricultural indices (I focused on LAI) and researched APIs for an agri-tech startup; tested SQL queries for an AI startup; conducted applicants interviews.

Technical Projects

Echoes of Society: Topic and Toxicity Trends in 80 Years of Music

June 2025

- Detected manospherity trends in 80Y of U.S. song lyrics using an amplified lexicon, keyword scoring, and a BERT-based model.

The Tokenization Process of Financial Instruments: an Empirical Analysis for Securities

July 2024

- Analyzed the impact of tokenized securities on market liquidity using regression and ensemble methods in Python.

Awards

AI/ML award at the **University of Pennsylvania Blockchain Hackathon**, developing a Bot Detection Algorithm in Python Feb 2024

Skills

Technical: Advanced: Python 3 (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, BeautifulSoup), SQL; Intermediate: R, Java; Tools: AWS Essentials, AWS CDK (IaC), Dagger

Languages: Italian (C2), French (C2), English (IELTS 8.0 - July 2022), Spanish (B2), German (A2)

Hobbies & Sports: Theatre, Swimming, Literature, Piano, Volunteering experience both in Italy (Milano & Rozzano) and in El Salvador