

Antonio Di Giovanni

DATA SCIENTIST · ML ENGINEER

Milan, Italy

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May 31, 2025

Work Experience

Data Scientist - Banking (AI & Data Management)

Milan, Italy

ALLIANZ

Oct. 2023 - Present

- Kick-started the AI-related efforts of the company's Italian bank as one of the founding members of the team
- Led efforts in developing and deploying ML models across the organization - from requirements gathering, to ideation and development
- Mainly focused on quick successes evolving around financial hierarchical time series forecasting contributing to the transformation towards a data-driven bank
- Actively supported the efforts on revolutionizing the data architecture of the bank and deploying a Data Lakehouse

Business Analyst (Product Management)

Munich, Germany

PAGONXT - A SANTANDER COMPANY (FINTECH)

Feb 2023 - Oct 2023

- Hired to support the geographical expansion of the company with product launches in multiple countries
- Responsible for leading the development effort of a core software product and for managing its business strategy
- Drafted the roadmap of the product expansion, managing the development team
- Acting as middleware between the commercial and the technical departments, translating needs into technical requirements

Investment Analyst, Venture Building - Internship

Munich, Germany

BASINGHALL PARTNERS (PAN-EUROPEAN VC)

Jul 2022 - Dec 2022

- Responsible for developing a new product from scratch, starting from the business model and strategy to minimum viable product and deployment
- Responsible for performing Due Diligence of potential investment targets
- Deal sourcing, deal screening

Investment Analyst, Business Development - Internship

Singapore (remote)

MOTION VENTURES (VC FUND FOCUSED ON SUPPLY CHAIN AND LOGISTICS)

Jan 2022 - April 2022

- Responsible for deal sourcing, screening and DD
- Supported fundraising with institutional investors on a global level
- Evaluation of investment opportunities and support on investment decisions

Strategy Consulting - Internship

Munich, Germany

ACCENTURE STRATEGY (FOLLOWING ACQUISITION OF EXTON CONSULTING)

Sep 2021 - Dec 2021

- Contributed to launching the first modern digital investment platform in an emerging market
- Advised a leading European bank on the international expansion of its digital banking initiative
- Analysed European-level opportunities for a key European commercial bank's product portfolio expansion

Education

Politecnico di Milano

Milan, Italy

MASTER IN DATA SCIENCE (POSTGRADUATE)

Oct. 2023 - Oct. 2025

- Currently pursuing a Data Science Post-Graduate degree sponsored by my current company
- Final Thesis: Probabilistic reconciliation of net investment flows time series forecasting <aggiusta>

Technical University of Munich - TUM

Munich, Germany

MSC IN MANAGEMENT AND TECHNOLOGY

Oct. 2020 - Dec. 2022

- GPA: Graduated with Distinction (1.4)
- Thesis:
 - Automated architecture and hyperparameter optimization for deep neural networks applied in forecasting the cross-section of stock returns
- Project examples:
 - OnlineIDE - Full development and deployment of a Web App using Angular, SpringBoot, Docker and DevOps
 - Analytics Cup - Machine Learning Competition (3rd place)

Politecnico di Torino (Polytechnic University of Turin)

Turin, Italy

BSC IN INDUSTRIAL ENGINEERING

Jul. 2017 - Jul. 2020

- GPA: **110L/110** (1.0)
- Thesis: Mathematical Optimization of Production Scheduling

Skills

Job-related	Time Series Forecasting, Databricks, Pytorch, Databricks, SQL
Languages	Italian (L1), English (C1), German (A1), Spanish (A2),
Programming	Python, Spark, Java, Matlab, R, Angular
DevOps	Azure DevOps, Docker, GitLab CI/CD
Office	Excel, PowerBI, Word, PowerPoint, LaTeX
Databases	MongoDB, PostgreSQL

Achievements

Bain Talent Hub - Bain & Company	<i>Milan</i>
TALENT PROGRAM	<i>March 2022</i>

- Selected alongside 35 other students among 800+ applications to attend a 3-days event in Bain's Milan offices

Analytics Cup - TUM	<i>Munich</i>
3 RD PLACE IN A MACHINE LEARNING COMPETITION	<i>Jan. 2021</i>

- Machine Learning competition, part of the "Business Analytics" module.
- 260+ participants, 750+ submissions.

NOVA Talent	
TALENT NETWORK	<i>April 2023 - Present</i>
• Networking association that screens applicants to accept only the top 3% talent, with members across 86 countries.	

Interests

Machine Learning for Finance	Interested in the applications of ML in Private investments and Capital markets
Hiking	Former member of the Italian Alpine Club (CAI)
Karate	Black Belt in Shotokan Karate
Home-brewing	Passionate about brewing craft beer
Building and Restoration	I am fond of historical cars and vehicles and love restoring them myself