

Daniele Mingolla

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WORK EXPERIENCE

SOCIALPOINT

DATA SCIENTIST

JANUARY 2023 — PRESENT

Barcelona, Spain

- Led comprehensive analysis of the game's arena feature, improving competitiveness, boosting player engagement, and identifying new monetization opportunities.
- Developed and maintained robust ETL process (SQL) with integrity checks, ensuring reliable and accurate analysis of arena data and aligning it with business needs.
- Created visually compelling Tableau dashboards, providing actionable insights to drive data-driven strategies and optimizations.
- Proactively monitored job state in Azkaban, promptly resolving any issues to ensure smooth and reliable data processing.
- **Tech:** GitHub, Azkaban, Tableau, SQL, Python

AMAZON

DATA ENGINEER INTERN

JULY 2022 — NOVEMBER 2022

Luxembourg, Luxembourg

- Optimized query costs by 20% through Scala logic rewriting and leveraging S3 and Spectrum.
- Built and monitored scheduled SQL ETL pipeline, incrementally updating an Amazon QuickSight dashboard.
- Collaborated with researchers to implement anomaly detection algorithms for a transportation network model with over 1000 nodes, enhancing service quality.
- **Tech:** AWS SageMaker, Amazon QuickSight, Scala, Amazon Web Services (AWS), AWS Glue, Amazon Redshift, Amazon S3, SQL

PROFESSIONAI

PODCAST HOST 

MARCH 2022 — JULY 2022

Milan, Italy

- Recorded 10 AI-focused podcast episodes, demonstrating expertise in audience research, guest coordination, and impactful question preparation.
- Contributed to sales of approximately 20 masters, generating over 6k euros in revenue for ProfessionAI.

LUTECH

ANALYST DEVELOPER INTERN

JULY 2020 — SEPTEMBER 2020

Milan, Italy

- Developed a predictive model (80% precision) for classifying hand-signed documents.
- Conducted statistical analysis and processed large datasets using PySpark on distributed systems.
- **Tech:** Apache Kafka, Artificial Intelligence (AI), Scikit-Learn, PySpark, Python

EDUCATION AND TRAINING

MASTER'S DEGREE IN COMPUTER AND SYSTEMS SCIENCES

ERASMUS PROGRAM

AUGUST 2021 — JANUARY 2022

Stockholm, Sweden

- Key Courses: Data Mining, Entrepreneurship in the Digital Society, Business Process.

MASTER'S DEGREE IN DATA SCIENCE

CREDITS: 120

SEPTEMBER 2020 — OCTOBER 2022

Milan, Italy

- Key Courses: Machine Learning and Decision Models, Data Management and Visualizations, Statistical Modeling.
- Thesis focused on "Federated and distributed Machine Learning models for load prediction at the edge."

BACHELOR'S DEGREE IN COMPUTER SCIENCE

CREDITS: 180

SEPTEMBER 2017 — JULY 2020

Perugia, Italy

- Key Courses: Algorithms and Data Structures, Software Engineering, Operative Systems, Databases, C, Java.
- Thesis focused on "Application of Machine/Deep learning models for sentiment analysis on hotel reviews."

PROJECTS

YLEARNER

- Podcast with over 250 monthly listeners where I interview entrepreneurs, freelancers, and industry experts.

PARALLEL PIPELINE FOR ANALYZING BOOK PUBLISHERS' ONLINE CATALOG

- Python project analyzing data scraped from major Italian book publishers' online catalogs.
- **Tech:** Hadoop, Dask, NumPy, Pandas, R, Python, Matplotlib, BeautifulSoup, RegEx.