

Daniele Mingolla

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📍 Luxembourg, Luxembourg

WORK EXPERIENCE

DATA ENGINEER INTERN

AMAZON

JULY 2022 — NOVEMBER 2022

Luxembourg, Luxembourg

- Decreased the query execution time of data stored in buckets in Amazon S3 by 20% through the use of AWS Glue Data Catalog and Amazon Redshift Spectrum.
- Tech:** AWS, Amazon Redshift, AWS Glue, Amazon S3.

PODCAST HOST 🎧

PROFESSIONAI

MARCH 2022 — JULY 2022

Milan, Italy

- Preparation of 10 episodes in the field of AI: studying the audience, researching the topic to be discussed, finding and contacting the guest, and preparing the questions to be asked.
- Post-production: video editing, audio cleaning and copy writing for publication on social media.
- Managed up to a maximum of 3 episodes simultaneously.
- Thanks to these episodes, ProfessionAI sold approximately 20 masters with an average transaction of 347 euros.

ANALYST DEVELOPER

LUTECH

JULY 2020 — SEPTEMBER 2020

Milan, Italy

- Developed a predictive model for the classification of hand-signed documents with a precision of 80%.
- Conducted statistical analysis and processed large amounts of data on distributed systems using PySpark.
- Tech:** PySpark, Python, Spark, Sklearn, NumPy, Pillow, Kafka.

EDUCATION AND TRAINING

MASTER'S DEGREE IN COMPUTER AND SYSTEMS SCIENCES

STUDENT EXCHANGE PROGRAM

AUGUST 2021 — JANUARY 2022

Stockholm, Sweden

- Courses: Data Mining in Computer and Systems Sciences, Entrepreneurship in the Digital Society, Business Process.

MASTER'S DEGREE IN DATA SCIENCE

EXPECTED FINAL GRADE: 110/110 CUM LAUDE (GPA: 4.0) | CREDITS: 120

SEPTEMBER 2020 — OCTOBER 2022

Milan, Italy

- Courses: Machine Learning and Decision Models, Data Management and Visualizations, Statistical Modeling.

BACHELOR'S DEGREE IN COMPUTER SCIENCE

FINAL GRADE: 110/110 CUM LAUDE (GPA: 4.0) | CREDITS: 180

SEPTEMBER 2017 — JULY 2020

Perugia, Italy

- Courses: Algorithms and Data Structures, Software Engineering, Operative Systems, Databases, C, Java.

CERTIFICATIONS

AZURE ADMINISTRATOR ASSOCIATE (AZ-104)

ISSUED IN AUGUST 2020

PROJECTS

YLEARNER 🎧

JANUARY 2021 — PRESENT

- Founded a podcast with over 200 monthly listens where I interview entrepreneurs, freelancers and experts in every industry.

PARALLELIZED PIPELINE FOR ANALYZING BOOK PUBLISHERS' ONLINE CATALOG 🎧

JANUARY 2021 — JULY 2021

- Designed a parallelized pipeline in Python for analyzing and cleaning data scraped from the online catalogue of major Italian book publishers with limited computational resources.
- Tech:** Hadoop, Dask, NumPy, Pandas, R, Python, Matplotlib, BeautifulSoup, RegEx.

SKILLS

Programming

Python, Javascript, Java, C++

Technologies

Azure, AWS, PySpark, Flask, NLTK, TensorFlow, Keras, Pandas, Hadoop, Dask, Git

Databases

PostgreSQL, MySQL, Amazon S3, Amazon Redshift

Business Process

BPMN, CMMN, DCR, IFML