Daniele **Mingolla**

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 Milan, Italy

WORK EXPERIENCE

ANALYST DEVELOPER — JULY 2020 — SEPTEMBER 2020
LUTECH — *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.

EDUCATION AND TRAINING

MASTER'S DEGREE IN COMPUTER AND SYSTEMS SCIENCES — AUGUST 2021 — JANUARY 2022
STUDENT EXCHANGE PROGRAM — *Stockholm, Sweden*
- Courses: Data Mining in Computer and Systems Sciences, Entrepreneurship in the Digital Society, Business Process.

MASTER'S DEGREE IN DATA SCIENCE — SEPTEMBER 2020 — OCTOBER 2022
EXPECTED FINAL GRADE: 110/110 CUM LAUDE (GPA: 4.0) | CREDITS: 120 — *Milan, Italy*
- Courses: Machine Learning and Decision Models, Data Management and Visualizations, Statistical Modeling.

ACADEMY JUNIOR MICROSOFT CLOUD SYSTEM AND NETWORK ENGINEER — FEBRUARY 2020 — APRIL 2020
EFORHUM — *Milan, Italy*
- Training course about Azure and Windows Server.

BACHELOR'S DEGREE IN COMPUTER SCIENCE — SEPTEMBER 2017 — JULY 2020
FINAL GRADE: 110/110 CUM LAUDE (GPA: 4.0) | CREDITS: 180 — *Perugia, Italy*
- Courses: Algorithms and Data Structures, Software Engineering, Operative Systems, Databases, C, Java.

CERTIFICATIONS

AZURE AI FUNDAMENTALS — JUNE 2021

AZURE ADMINISTRATOR ASSOCIATE (AZ-103) — 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.

SENTIMENT ANALYSIS OF HOTEL AND B&B REVIEWS — MARCH 2020 — JULY 2020
- Application of the SVM model for the classification of the sentiment of hotels and B&B reviews with a 15% performance increase compared to the performance obtained using a CNN and LSTM.
- **Tech**: Keras, TensorFlow, NLTK, spaCy, Scikit-learn, Numpy.

ARTICLEE — SEPTEMBER 2019 — DECEMBER 2019
- A web application where users can create a profile and write articles to share with other members of the community. The interface's completely responsive, and the system can work with a long list of different databases.
- **Tech**: Python, Flask, SQLAlchemy, Alembic, MySQL.

SKILLS

Programming	Python, Javascript, Java, C++
Technologies	Azure, PySpark, Flask, NLTK, TensorFlow, Keras, Bootstrap, Pandas, Hadoop, Dask, Git
Databases	Firebase, PostgreSQL, MySQL
Business Process	BPMN, CMMN, DCR, IFML