

Daniele Mingolla

DATA SCIENTIST

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SUMMARY

Soon after graduating from the three-year course in Computer Science, I started an internship as a developer analyst in the field of artificial intelligence. I worked on projects in which are required skills in data analysis and development of predictive models. At present I'm attending the master course in Data Science at the University of Milano-Bicocca.

PROFESSIONAL EXPERIENCE

Lutecch

Cologno Monzese, Italy

ANALYST DEVELOPER, FIELD: DAI - ARTIFICIAL INTELLIGENCE

July 2020 - September 2020

- Using the Spark framework for parallel processing and performance improvement of applications that analyze Big Data.
- Data analysis and creation of predictive models using classification techniques based on algorithms (SVG, NB Classifier) and neural networks.
- Testing of implemented functionality to ensure integration meets user and customer needs.

EDUCATION

UNIVERSITY OF MILANO-BICOCCA

Milan, Italy

MASTER DEGREE IN DATA SCIENCE

September 2020 - September 2022

The aim of the master in Data Science at the University of Milano-Bicocca is to train highly qualified professionals who know how to integrate computer knowledge with statistical methodologies and then apply them for business purposes.

UNIVERSITY OF PERUGIA

Perugia, Italy

BACHELOR IN COMPUTER SCIENCE

September 2017 - July 2020

Vote: 110 (with honors)

Thesis: "Application of Machine/Deep learning models for sentiment analysis on hotel reviews."

IISS "PACINOTTI-FERMI"

Taranto, Italy

HIGH SCHOOL DIPLOMA IN COMPUTER SCIENCE

September 2012 - July 2017

Vote: 100/100

CERTIFICATIONS

Microsoft

Milan, Italy

AZURE AI FUNDAMENTALS

Expiry date: None

The Azure AI Fundamentals certification validates basic skills and knowledge in machine learning and artificial intelligence with respect to the services offered by Microsoft Azure.

Microsoft

Milan, Italy

AZURE ADMINISTRATOR ASSOCIATE (AZ-103)

Expiry date: August 2022

The Azure Administrator Associate certification validates the skills and knowledge related to the management of cloud services such as:

- Manage Azure subscriptions and resources.
- Implement and manage storage.
- Deploy and manage virtual machines (VMs).
- Configure and manage virtual networks.
- Manage identities.

eForHum

Milan, Italy

JUNIOR MICROSOFT CLOUD SYSTEM AND NETWORK ENGINEER

February 2020 - May 2020

System training on Microsoft Cloud technologies and on premises Windows networking on Cisco Systems technology. In parallel to the theoretical study, many consolidation laboratories were carried out.

- Deploying and Managing Windows Server, Managing Active Directory, Local Storage, Group Policy, Server Virtualization with Hyper-V.
- Ethernet, Network Layer, IP Addressing, Routing Concepts, Dynamic Routing, VLANs, NAT (IPv4).
- Azure Administration, Virtual Machines, Azure Storage, Virtual Networking, Network Traffic Management, Azure Active Directory, Securing Identities, Governance e Compliance.

IISS "PACINOTTI-FERMI"

CCNA ROUTING AND SWITCHING

Taranto, Italy

September 2016 - July 2017

The course provides a comprehensive and structured knowledge of networking technologies including fundamentals of IP routing and switching, network security and network services.

- Network fundamentals.
- IP connectivity.
- Security fundamentals.

Edinburgh Language Academy

TRINITY COLLEGE LONDON - GRADE 7

Edinburgh, Scotland

September 2015 - October 2015

PERSONAL PROJECTS

Distributed pipeline for data analysis

DISTRIBUTED PIPELINE ENTIRELY DEVELOPED IN **PYTHON** FOR THE COLLECTION, INTEGRATION AND ANALYSIS OF DATA COMING FROM THE ONLINE CATALOGS OF THE MAIN ITALIAN PUBLISHERS IN ORDER TO DETERMINE THE CHARACTERISTICS THAT MOST INFLUENCE THE PRICE OF A BOOK. THE DISTRIBUTED DATA STORAGE IS DONE THROUGH **HADOOP** WHILE THEIR PARALLEL PROCESSING IS DONE THROUGH **DASK**.

December 2020 - June 2021

LINK: [HTTPS://GITHUB.COM/DANIELEMINGOLLA/DISTRIBUTED-PIPELINES-DATA-SCIENCE](https://github.com/danielemingolla/distributed-pipelines-data-science)

yLearner

YLEARNER IS THE PODCAST BORN FROM THE DESIRE TO SPREAD INFORMATION ON VERY IMPORTANT TOPICS SUCH AS: STUDY METHOD, PERSONAL FINANCE AND ENTREPRENEURSHIP THROUGH INTERVIEWS WITH EXPERTS IN THE FIELD.

December 2020 - Present

LINK: [HTTPS://OPEN.SPOTIFY.COM/SHOW/6FZRr7hYB7Lf6LTi6TOBJV](https://open.spotify.com/show/6FZRr7hYB7Lf6LTi6TOBJV)

INVESTMENT PORTFOLIO SIMULATION

THE PORTFOLIO IS COMPOSED OF 8 ETFs, EACH OF WHICH HAS BEEN CAREFULLY CHOSEN IN ORDER TO HAVE A GOOD RETURN IN THE MEDIUM-LONG TERM AND A DEFENSE AGAINST POSSIBLE FINANCIAL SHOCKS.

February 2019 - March 2020

LINK: [HTTPS://WWW.JUSTETF.COM/DE-EN/PORTFOLIO/69F6B](https://www.justetf.com/de-en/portfolio/69f6b)

ARTICLEE - Web App with CRUD functionality using Flask

ARTICLEE IS AN OPEN-SOURCE PLATFORM DEVELOPED IN FLASK, A MICRO-FRAMEWORK WRITTEN IN PYTHON), THAT OFFERS USERS THE POSSIBILITY TO WRITE AND SHARE THEIR ARTICLES WITH THE COMMUNITY.

August 2019 - November 2019

LINK: [HTTPS://GITHUB.COM/DANIELEMINGOLLA/ARTICLEES_WEBAPP_FLASK](https://github.com/danielemingolla/articlees_webapp_flask)