






Name Surname


Curriculum Vitae

KEY

 **Anagraphics:** dd/mm/yyyy, Country

 **Gender:** female

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 **Address:** 48 Rue du Cheminée, 123, St. Genis, France

 **Email:** example@gmail.com

 **GitHub:** [link to profile](#)

 **LinkedIn:** [link to profile](#)

 **Research Gate:** [link to profile](#)

SKILLS

Languages

Italian (Native), English (C2), Spanish (A2).

Software

Python, C, Fortran, MATLAB, Excel, LaTeX, Isaac-Sim, ROS2, MCNP6.

Licenses

A1, A2, B.

WORK EXPERIENCE

Sept 2024-Now

HIGH-TECH LTD (HTL),
Senior Data Scientist

City, Country

- ⚙️ Project management Quantum Computing activities for the section.
- ⚙️ Development of computer vision algorithms for healthcare applications based on Machine Learning.
- ⚙️ Support in writing technology dossier; part of Big-Data Expert's Network.
- ⚙️ Intern supervision and general IT support.

Sept 2023 - Aug 2024

GLOBAL COMPANY SME (GC)
Junior Data Scientist

City, Country

- ⚙️ Code development of big-data cleanings pipelines.
- ⚙️ Development of Neural Network models for sentiment analysis in working contexts.
- ⚙️ Development of AI-algorithm for scheduling resource optimization.
- ⚙️ Multi-GPU parallelization for neural network training on large sentiment analysis datasets.

Big-Data Specialists Team Member

- ⚙️ Perform exploratory data analysis to identify trends, anomalies, and correlations.
- ⚙️ Build and maintain data pipelines to automate data processing workflows.
- ⚙️ Collaborate with cross-functional teams to define and refine data requirements.
- ⚙️ Implement machine learning models to predict outcomes and improve decision-making processes.

Nov 2022 - Aug 2023

UNIVERSITY OF DATA (UOD),
Research Assistant

City, Country

- ⚙️ Develop data-driven and PINNs models to accelerate simulations.
- ⚙️ Parallelization of Machine Learning models training on large CPU computer cluster in shared memory.
- ⚙️ Producing documentation.

Mar - Oct 2021	LARGE LABORATORY OF DATA (LLOD), <i>Intern</i>	<i>City, Country</i>
	<ul style="list-style-type: none"> 🔧 Collect, preprocess, and validate raw datasets from multiple sources to ensure data quality. 🔧 Design and implement algorithms for data analysis and pattern recognition. 🔧 Generate detailed reports and visualizations to communicate insights to stakeholders. 🔧 Develop and optimize database queries to support data retrieval and analysis workflows. 	

EDUCATION

Mar 2020 - Oct 2022	MSc in Data Science and Artificial Intelligence GPA 4.0/4.0	<i>University Name</i>
	<ul style="list-style-type: none"> 🎓 Acquired in-depth knowledge in Data Analysis, Machine Learning, Statistical Modeling, Computational Techniques, and Big Data Processing. Final project focused on performance evaluation of advanced algorithms for high-throughput data systems, contributing to the optimization of workflows in large-scale data environments. 	
Sept 2016 - Feb 2020	BSc in Data Science GPA 4.0/4.0	<i>University Name</i>
	<ul style="list-style-type: none"> 🎓 Acquired a strong foundation in Mathematical Analysis, Linear Algebra, Probability Theory, Statistical Methods, Fundamentals of Machine Learning, Data Processing, and Programming. Final project focused on the development and evaluation of adaptive neural network models for analyzing and predicting patterns in periodic datasets. 	

EXTRACURRICULAR ACTIVITIES

📅	Conference Speaker	<i>Big-Data National Academy, City.</i>
	(Nov 2024) Delivered a talk titled "Applications of Machine Learning in Data Science" as a speaker at the International Conference on Data Science and Machine Learning in Technology and Innovation. Link to the programme.	
📅	Data Driven Neural Networks Summer School	<i>University Name</i>
	(June 2023) Assisted in organizing a two-week Data Science workshop for graduate students, handling tasks such as website management, coordinating administrative activities, and providing technical support for participants with software tools and project tasks. Link to the certificate.	
📅	Small-Data Hackathon	<i>online</i>
	(Jan 2023) Online participation in the annual National hackathon about small dataset. The challenge requested the encoding of the MNIST dataset in quantum circuits and subsequent realization of a classification model using the qiskit library. Link to the certificate.	
📅	Physics Data Summer School	<i>University Name</i>
	(July 2019) One-week summer program for highly motivated students covering a broad spectrum of topics in data science, from foundational theories to practical applications in various industries, including healthcare and finance.	

AWARDS

🏆	NifMD prize	<i>Name of the Institution</i>
	(2022/2023) Received the Data Science Excellence Award for an outstanding master's thesis in the field of advanced data analysis techniques, focusing on the development and application of algorithms that contribute to the verification of scientific models or the improvement of measurement technologies. Link to the article.	
🏆	DSS scholarship	<i>Name of the Institution</i>
	(2020/2021) Awarded the merit-based Data Science Scholarship to access the "Tech Innovation Hub" at the Merit College of Advanced Studies during master's studies in Data Science. Link to the agreement.	