

Miriam LAMARI

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Double Degree Data Science Student with interest in software development, data management and Large Language Models

Education

Master's Degree in Data Science

EURECOM

📅 Present 📍 Sophia Antipolis, France

Track: Data Science

Relevant coursework:

- Digital Image Processing
- Machine Learning and Intelligent System
- Distributed Systems and Cloud Computing
- Security and Privacy for Big Data and Cloud
- Deep Learning
- Algorithmic Machine Learning

Projects:

- “TableKV: KV Cache Compression for In-Context Table Processing”: Conducted research exploring Key-Value (KV) cache compression as an alternative to Retrieval-Augmented Generation (RAG) for handling large tabular data in LLMs.

Language: Python

Master's Degree in Computer Engineering

Politecnico di Torino

📅 Present 📍 Turin, Italy

Track: Artificial Intelligence and Data Analytics

Relevant coursework:

- Software Engineering
- Web Application
- Big Data: Architectures and Data Analytics
- System and Device Programming
- Data Science and Database Technologies

Projects:

- “What do you meme?” - Game Website version
Languages: JavaScript, HTML/CSS, React
- “SFIAR” - Fault Injection System for Redundant Applications
Language: Rust

Bachelor's Degree in Computer Science

University of Turin (UniTo)

📅 Nov 2023 📍 Turin, Italy

Thesis: Create and install cloud facilities using new CI/CD technologies

Relevant coursework:

- Computer Architecture
- Data Structures and Algorithms
- Database and Information Systems
- Operating Systems
- Human-Computer Interaction and Web Technologies

Projects:

- Web and mobile application that offers booking services for lessons
Languages: Java, JavaScript, HTML/CSS, Vue.js
- Client-server application that offers email services
Language: Java

Formation

Collegio Universitario di Torino Renato Einaudi

Private Foundation (Merit College)

📅 Apr 2022 – Jul 2024 📍 Turin, Italy

Description: The Fondazione Collegio Universitario Einaudi is a private non-profit foundation, which manages Colleges of Merit recognized and accredited by MUR. It offers living spaces and training courses to over 800 talented students and university students.

Courses from my Personalized Training Program:

- Individual Development Plan
- English Fit Level 19 (Wall Street English)
- Power BI: Introduction to Business Intelligence
- Cultural Experience Abroad: CERN, Geneva, Switzerland

Language Skills

- **Italian:** Native
- **English:** Fluent
- **French:** Intermediate