

Matteo Villosio

NLP DATA SCIENTIST @ GREENOMY | HEAD OF HUB @ FAWLTS

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Experience

Greenomy

NLP DATA SCIENTIST

Bruxelles, Belgium

Nov. 2022 - present

- Lead the development of **Artemis**, the AI Advisor by Greenomy.
- **Won** 2nd place at the **Swift Hackathon** "Let's innovate for a sustainable future"
- **Implemented** multiple **LLM** usecases, both based on **Agent** and **RAG** architectures
- **Onboarding and Mentoring** of new joiners.

Generali Assicurazioni

GROUP AUDIT DATA SCIENTIST

Milan, Italy

Apr. 2022 - Nov. 2022

- **Responsible** of **Data Science** operations @ Group Audit
- Design and implementation of **Machine Learning, Deep Learning and NLP** architectures applied to **Auditing and Control functions**.
- **Exploration** of structured and unstructured data and **ETL pipeline** design.

Mediolanum Group - Flowe

DATA ENGINEER

Greater Milan Area, Italy

Oct. 2021 - Apr. 2022

- Design and creation of **ETL Pipelines** and their implementation using **PySpark**
- Design and implementation of **Machine Learning** and **Deep Learning** architectures

EisWorld

DATABASE ARCHITECT & FULL STACK DEVELOPER INTERN

Turin, Italy

Apr. 2019 - Jul. 2019

- **Database design** for internal compliance and Dashboard **full stack development**.

Education

PoliTO - Polytechnic University of Turin

MSc IN DATA SCIENCE AND ENGINEERING

Turin, Italy

Sep. 2019 - Dec. 2021

- **Graduation Mark 100**, focus on **Machine Learning** ∩ **Social Networks** ∪ **Security** ∪ **Statistics and Statistical Programming**
- Master's Thesis about **Social Network Popularity Prediction** supervised by **SmartData's Prof. Luca Vassio**.

PoliTO - Polytechnic University of Turin

BSc IN COMPUTER ENGINEERING

Turin, Italy

Sep. 2015 - Jul. 2019

- **Curricular Internship** @ EisWorld as **Database architect**
- **Computer Science** ∪ **Networking** ∪ **Electronics**

Notable Projects

rec.ap: language agnostic summarizer tool

- Small **python library** to generate recaps of variable length of texts with **no language barriers**.
- Implementation of the library into a **Telegram Bot** to allow users to use it for online news.

Incremental Learning

PoliTO, Graded 27/30

- Re-implementation of State of the Art **iCarl deep learning classification training strategy** using Pytorch and Scikit-learn.
- Improvements of SOTA results by means of **image clustering** and **averaging**.

Certifications

EU Taxonomy and Sustainable Finance

Greenomy Academy

Course regarding EU Taxonomy Regulation and how to successfully implement reporting requirements

2023

Natural Language Processing Specialization

DeepLearning.ai

Specialization regarding all technical and theoretical aspects of NLP

2022

The Materiality of ESG Factors

The Wharton School

Specialization focused on Finance, Sustainability and ESG

2023

R Programming

Johns Hopkins University

The course covers practical issues in statistical computing

2021

Volunteering

Head of Hub

FAWLTS

Counseling and Mentoring of highschool students **Organization of events** and activities

Management of a Team of more than 10 people

Feb. 2022 - Present

Librarian

Carlo Levy City Library

Assistance for the user of the library and book cataloguing

Creation for user manuals for technological devices

Start up of the e-book program, allowing users to borrow both devices and e-book files

2012 - 2014

Languages

• **English:** Fluent, CAE, upper C1

• **Italian:** Native speaker

• **French:** Lower Intermediate