

Alessandro Demo

Date of birth: 03/02/2003

Nationality: Italian

Contact

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(Telegram)

ABOUT MYSELF

Bachelor's degree in Computer Science at Università degli Studi di Torino and diploma in Electronics and Automation at ITIS Pininfarina.

Currently studying Artificial Intelligence and Data Analytics at Politecnico di Torino.

I'd love to become a Data Analyst and to improve my skills everyday.

WORK EXPERIENCE

● University of Turin Turin, Italy

Business or sector Education

Link: <https://github.com/dimuzzo/testing-project>

Data Analyst

09/05/2025 - 31/08/2025

- I conducted a comparative analysis of DuckDB, PostGIS, and GeoPandas for geospatial data.
- I developed skills in processing and managing complex spatial databases.
- I implemented benchmarking methodologies to evaluate system performance.
- I used Python and specialized libraries to analyze vector and raster data.

● Interactive Fully Electrical Vehicles (I-FEVS) La Loggia (Turin), Italy

Technical Designer

05/07/2021 - 21/07/2021

- I designed part of the electronic architecture of an e-bike during a summer internship.
- I wrote precise and detailed technical documentation for the project.
- I programmed in MicroPython to test the Portenta H7 board's functions.
- I gained practical experience in embedded hardware and software development.

EDUCATION & TRAINING

● 10/11/2025 - CURRENT Turin, Italy

● Master's Degree Polytechnic of Turin

Field(s) of study: Computer Engineering, Artificial Intelligence and Data Analytics

● 19/09/2022 - 06/11/2025 Turin, Italy

● Bachelor's Degree University of Turin

Field(s) of study: Computer Science | **Final grade:** 100 | **Level in EQF:** EQF level 6 | **Number of credits:** 180 | **Thesis:** Analisi comparativa di DuckDB, PostGIS e Geopandas per l'elaborazione e l'analisi di dati geospaziali

● 12/09/2017 - 04/07/2022 Moncalieri (Turin), Italy

● High School Diploma ITIS G.B. Pininfarina

Field(s) of study: Electronics and Automation | **Final grade:** 90

SKILLS

Java | SQL | Python | C | Linux | Git | Databases | Arduino | DuckDB | PostgreSQL | Social Media

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening B2

Spoken production B2

Reading B2

Spoken interaction B2

Writing B2

CERTIFICATIONS

Cambridge University Press & Assessment, 11/06/2022

First Certificate in English (B2)

University of Turin, 15/01/2026

European Citizenship Online Course

Link https://openbadges.bestr.it/public/assertions/h3rcBxkSR0WI_xEbWduQBg

DRIVING LICENCE

Driving licence: B