

# Francesco Del Sorbo

Contacts:

1 December 2000

[francesco.delsorbo01@universitadipavia.it](mailto:francesco.delsorbo01@universitadipavia.it)

Vizzolo Predabissi (MI)

Driving licence: AM, B

## Education:

- **Ph.D. Course in Electrical Engineering, Power Electronics - University of Pavia** **2025-ongoing**
  - o Industrial partnership with Analog Devices, Inc.
  - o Project topic: Design, control and implementation of an LLC resonant converter using GaN technology
- **Master's Degree in Electrical Engineering - University of Pavia** **2023-2025**
  - o Mark: 110/110 with honors
    - Master Thesis activity: Design, Analysis and Simulation of a GaN-based Input-Series-Output-Parallel LLC Resonant Converter for Automotive Applications
    - Tutor activity for the Bachelor course "Elettrotecnica"
- **Bachelor's Degree in Industrial Engineering - University of Pavia** **2020-2023**
  - o Energy curricula, mark: 99/110
    - Bachelor project activity: Measurements of currents at industrial frequency, database creation for a deep neural network training
    - Part-time job as technician's assistant of didactic electronic laboratory "B3 Pierfrancesco Manfredi" at University of Pavia
- **University of Milano – Bicocca** **2019-2020**
  - o Attended first year of Bachelor's Degree in Physics
- **Scientific High School of Applied Sciences "A. Cesaris"** **2014-2019**
  - o Casalpusterlengo (LO), mark 90/100

## Work experience:

- **Lidl – San Giuliano Milanese (MI)** **2023-ongoing**
  - o Salesperson in supermarket as part-time Sunday contract 8 hours for university students

## Skills:

- PLECS, LTSpice, MatLab – Simulink, LaTeX, Altium
- Bases of programming languages C/C++, Python
- Self-taught knowledge of music production, images and video editing softwares

## Volunteering and Interests:

- **Pastoral community of Melegnano (MI)** **2016-2020**
- **Drumming lessons with Diego Scaffidi at Melegnano (MI)** **2010-2019**
- **Drummer in a city's music band** **2020-ongoing**