

LORENZO PERLO

curriculum vitae

Personal information

Born in SAVIGLIANO(CN), ITALIA, 16/02/1999

Permanent Address: VIA IV NOVEMBRE 32 - 12039 VERZUOLO(CN)

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Citizenship: ITALIANA

Education

- * From 2021 so far
MASTER OF SCIENCE DEGREE IN ELECTRONICS ENGINEERING at POLITECNICO DI MILANO
- * 22/09/2021
BACHELOR OF SCIENCE DEGREE IN ELECTRONIC ENGINEERING at POLITECNICO DI MILANO
Thesis: Progetto di Prova Finale
Mark 101/110
- * 2018
High school diploma: Technical/Vocational at ISTITUTO TECNICO IND.LE MARIO DELPOZZO (CUNEO - ITALIA)
Mark 100/100

Work experience

- * Settembre 2023 - Marzo 2024
Politecnico di Milano, MILANO - ITALY
Sector: Education
Tutor on Analog Circuit Design
I didn't take a good evaluation on Analog Circuit Design (prof Lacaita, 21), so "teaching" it (== relearning better) was so useful to me and luckily the student was much better than me at that exam.
- * Giugno 2022 - Agosto 2022
Trevi Tech SRL, VILLAFRANCA PIEMONTE (TO) - ITALY
Sector: Manufacturing - Electro-mechanical
Electromechanical technician
Continuation of what I see in September-May, more oriented on developing a PCB for Jumping feeder (using esp32 for rendering a webpage to calibrate the DRV110 from Texas Instrument to drive a low side switch).

Just as a note, I was not successful in the PCB design and during that year at Trevi I failed as a student, losing one year at Polimi. But I learnt so much, that I'm glad of working there.
- * Settembre 2021 - Aprile 2022
Trevi SRL, VILLAFRANCA PIEMONTE (TO) - ITALY
Sector: Manufacturing - Electro-mechanical
Electronic technician, Automation
- Microcontroller firmware for sensors reading and jumping feeder control (Espressif/STM32/NRF52, C/C++)

- Gate driver between microcontroller and power mosfet (like switched mode power supply and H bridge)

- Use of TIA Portal for Siemens PLC programming, Pilz for safety circuit and Denso for robotic arm.
Assistant - Occasional freelance collaborator
- * Agosto 2019 - Febbraio 2021
Politecnico di Milano, MILANO - ITALY
Sector: Education

Student tutor

Help in organizing study materials and solving exercises and theoretical questions for students facing difficulties, equal opportunities project.

. - Project-based contractor

Language skills

* BRITISH ENGLISH

Written: B1 - Spoken: B1

B1, TOEIC Listening and Reading (Score 855)

Computer skills

* Operating Systems

Software: Windows, Linux, FreeRTOS - Skill level: good

* Programming languages

Software: C/C++, Verilog/VHDL, Matlab, Python, Golang, Js/Html/Css, Ladder - Skill level: good

* Word processing applications

Software: Word, latex e markdown - Skill level: good

* Spreadsheets

Software: Excel e google sheets - Skill level: good

* Database management systems

Software: Sqlite, Mysql e postgresql - Skill level: fair

* CAD systems

Software: Vivado (HLS e HDL), OrCAD Capture, KiCAD, LTspice/Qspice/Pspice/Ngspice-Xspice/PowerSim - Skill level: good

* Other

Software: GNU Octave/Radio, GTKWave/Icarus-Verilog/Verilator, Docker, Git, TensorFlow - Skill level: good

Personal interests

Like almost every sport (especially waterpolo and swimming).

Letteratura, musica classica

In compliance with the European Regulation 679/2016, I hereby authorize you to use and process my personal data.