Vittorio Di Paolo

Born in Vasto (CH) on 22/09/1995

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📍 Bologna, Italy   in Vittorio Di Paolo

EDUCATION

International Master's Degree in Telecommunications Engineering at University of Bologna
09.2020 - 03.2023

Focus on electromagnetic guided and wireless propagation, wireless communication, networking, mobile radio networks

- **Thesis:** "Investigation on the polarization dependent loss in the Radio-over-Fiber systems used for the Square Kilometer array Radio Telescope." **Supervisors:** Prof. Giovanni Tartarini, Prof. Jacopo Nanni.

Bachelor Degree in Electronic and Telecommunications Engineering at University of Bologna
09.2014 - 03.2020

Focus on maths and physics fundamental, digital and analogic electronic circuits, electromagnetic fields and telecomunnication systems principles

- **Thesis:** "The Blockchain and its applications" **Supervisors:** Prof. Gianni Pasolini.

Liceo Scientifico Raffaele Mattioli San Salvo (CH)
09.2009 - 07.2014

WORK EXPERIENCE

Senior Research Collaborator at WiLAB, CNIT (Bologna)
09.2023 - present

Focus on Smart Cities and Smart Agriculture, with a specific emphasis on IoT and on 5G indoor/outdoor monitoring coverage.

- IT section manager
- Technical purchasing manager
- Tools: LoRaWAN, NB-IoT, 5G standard, microPython, MATLAB, Atom, Docker, Slurm, enviromental and motion sensors, Arduino board, Arduino IDE, Pycom module, NodeRED, InfluxDB, Grafana, Network Server (e.g. Helium, Chirpstark, Wisgate), MACOs, Windows, Linux, Anritsu spectrum analyzer, Fortinet firewall, Zyxel switch, Fritxbox router

B2B Pre-sales Engineer Stagiaire WindTre (Bologna)
06.2023 - 09.2023

Programming Skills

MATLAB

Simulink

C

Python

LaTEX

Labview

Bash

MSOffice

Languages

Italian (Native tongue)

Professional English (B2 Proficiency)

Certificates

European driving license