LORENZO ROSSI

Milano, Italy
www.lorenzoros.si ◇ mail@lorenzoros.si ◇ www.github.com/lorossi

EDUCATION

ITIS Galvani *2011 - 2016*
Secondary School Diploma in Industrial Engineering
Electromedical field

Politecnico di Milano *2016 - 2021*
Bachelor in Electrical Engineering

Politecnico di Milano *2021 -*
Master's degree in Computer Science and Engineering

EXPERIENCE

Freelance Developer October 2020 - Present
Web Developer - Embedded developer - Software developer

- Engaged and completed multiple projects involving both embedded (mostly using ESP32 and Arduino) and desktop (on both Linux and Windows) systems
- Gained important soft-skills like dealing with a vast amount of work and collaborating with people all over the world
- Got the chance to interface myself with the real world outside my university and interact with real life projects

PERSONAL PROJECTS

Embedded developer Arduino - ESP32 - PIC

- Experience in developing embedded system using microcontrollers

Front End developer Javascript/ECMAscript - HTML5 - CSS

- Development websites and interactive client-based programs and interfaces

Full Stack developer Python

- Development of websites from back to front end, including data analysis and visualizations

Visual Arts developer Python - Processing - Javascript/ECMAscript

- Creation of interactive or fully automated digital art projects

General software developer Python - Go - C - C++

- General use software development, including data analysis, visualizations, computational-heavy problem solvings

TECHNICAL STRENGTHS

Computer Languages	C, Go, Javascript/ECMAscript, Python, Processing, VHDL, Matlab
Protocols & APIs	XML, JSON, REST, MQTT
Descriptive Languages	CSS, HTML5, LaTeX
Libraries & Frameworks	OpenCV, Flask, Django, Numpy
Embedded development	Arduino, AVR/PIC microcontrollers, ESP32/ESP8266, RaspberryPi
Operating Systems	Windows, Linux (Debian, Ubuntu, Arch)