

# LORENZO ROSSI

Milano, Italy

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## EDUCATION

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### ITIS Galvani

2011 - 2016

Secondary School Diploma in Industrial Engineering

Electromedical field

### Politecnico di Milano

2016 - 2021

Bachelor in Electrical Engineering

## EXPERIENCE

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### 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

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### 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

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

## TECHNICAL STRENGTHS

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### 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)