

LORENZO ROSSI

Milano, Italy

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EDUCATION

ITIS Galvani Secondary School Diploma in Industrial Engineering Electromedical field	<i>2011 - 2016</i>
Politecnico di Milano Bachelor in Electrical Engineering	<i>2016 - 2021</i>
Politecnico di Milano Master's degree in Computer Science and Engineering	<i>2021 -</i>

EXPERIENCE

Freelance Developer <i>Web Developer - Embedded developer - Software developer</i>	October 2020 - Present
<ul style="list-style-type: none">· 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
<ul style="list-style-type: none">· Experience in developing embedded system using microcontrollers	
Front End developer	Javascript/ECMAScript - HTML5 - CSS
<ul style="list-style-type: none">· Development websites and interactive client-based programs and interfaces	
Full Stack developer	Python
<ul style="list-style-type: none">· Development of websites from back to front end, including data analysis and visualizations	
Visual Arts developer	Python - Processing - Javascript/ECMAScript
<ul style="list-style-type: none">· Creation of interactive or fully automated digital art projects	
General software developer	Python - Go - C - C++
<ul style="list-style-type: none">· 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)