



**Marco Bertoni**

## WORK EXPERIENCE

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02/2021 – 09/2022 – Italy

**ICT NETWORK ENGINEER – LABORATORI GUGLIELMO MARCONI**

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- NOC operator
- Planning and execution of various networking and SysAdmin projects

10/2018 – 09/2019 – Italy

**DEVELOPER - JAVA/TOMCAT – K5 SPA**

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- Lone programmer with the task of maintaining and extending the software solution
- Simple Java Tomcat, MySQL and Android client stack
- I was not provided with the source code for the project so I had to reverse engineer it

**Address** Valsamoggia, Italy

06/2018 – 09/2018 – Italy

**IT COLLABORATOR – TECNOFORM**

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- Worked alongside the IT Manager in day to day activities
- Created various SH scripts for automation
- Maintained the Classic ASP intranet web applications

**Address** Valsamoggia, Italy

10/2017 – 11/2017 – Slovenia

**ELECTRONICS MANUFACTURING – SMARTTRONIKS**

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- MOVING GENERATION 2020 ERASMUS+ PROGRAM
- Assembly and soldering of electronic boards for further processing

**Address** Maribor, Slovenia

03/2017 – 04/2017 – Italy

**INTERNSHIP - TECHNICAL OFFICE – DATALOGIC**

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- FIT (failure in time) testing during design process of electronic sensors
- Evaluation of components suggested by the purchasing department

**Address** Monte San Pietro, Italy

## ● EDUCATION AND TRAINING

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2022 – CURRENT – Bologna

**COMPUTER SCIENCE MSC** – Università di Bologna

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**Address** Bologna

2018 – 2021 – Bologna, Italy

**COMPUTER ENGINEERING BSC** – Università di Bologna

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**Address** Bologna, Italy | **Level in EQF** EQF level 6

2018 – Bologna, Italy

**ELECTRONICS TRADE SCHOOL** – IIS O. Belluzzi

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**Address** Bologna, Italy | **Level in EQF** EQF level 4

## ● LANGUAGE SKILLS

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Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● JOB-RELATED SKILLS

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**Job-related skills**

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- **Java, Python3, BASH:** Proficient

- **C, Scheme, SQL:** Independent

## ● PRESENTATIONS

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**Presentations**

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I have rudimentary skills in electronics and microcontrollers programming developed during the attainment of my technical school degree.

I strongly believe in balancing theoretical knowledge with real life uses. Over the years I developed various personal projects to apply what I learned:

- Simple home automation project using arduino and amazon text-to-speech API
- Automatic university lessons recording on cloud using terraform, ansible and puppeteer
- Linux slackware package manager written in the C programming language
- Various web applications for personal usage

My major interests right now are:

Cybersecurity (I often participate to competitions with the UniBo cybsec research team), functional programming (I'm waiting for an interesting project to apply my LISP skills) and linux kernel structure and implementation.

## ● **EXTRACURRICULAR ACTIVITIES**

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03/2020 - 10/2020

### **Cyberchallenge**

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- Cybersecurity focused lessons
- Weekly exercises
- At the end of the course 5 participants were chosen to represent UniBo at the national competition
- Me and the other 4 participants reached 5th place in the national competition

22/11/2019 - 23/11/2019

### **OPEN BANKING INNOVATION - CRIF HACKATHON**

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- Innovative projects using PSD2 protocol
- Used AWS products with help of tutors

04/2018 - 12/2018

### **WINNER OF TECNOPIA AWARD 2018**

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- Contest organized by the Homo Ex Machina Organization to raise awareness on contemporary techno-ethical dilemmas.
- As the winning team, we had the opportunity to meet and talk with top managers and entrepreneurs in Rome and London.

06/2016 - 12/2017

### **GIARDINO DELLE IMPRESE**

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- Informal school of entrepreneurial culture
- Hosted by Fondazione Golinelli
- We had the opportunity to attend lessons on the subject and create a startup after a first round of investments.

Data

18/10/2022