Riccardo Belli

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https://github.com/belliriccardo
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Education

Master's Degree in Computer Engineering and Robotics, *Università degli Studi di Perugia*
2026 | Perugia, Italy
Partly worked full time during the studies for my master's degree

Bachelor's Degree in Computer Engineering,
Università degli Studi di Perugia
2020 | Perugia, Italy

High School Diploma,
Technical and Technological Institute
2016 | Foligno, Italy

Certificates

CEFR C1.2 English Speaking Proficiency
Provided by Burlington English School

Introductory Certificate in Project Management
Provided by IPMA Italy on the basis of ICB4, certificate number 4769

Oscilloscope Probes 101
Offered by Keysight Technologies

Italian driving licence (B)

Skills

- Python ●●●●●
- C ●●●●○
- Embedded Software ●●●●○
- Java ●●●●○
- Machine Learning ●●●○○
- Computer Vision ●●●○○
- ROS ●●●○○

Languages

Italian ●●●●●
Mother tongue

English ●●●●○
Highly proficient in speaking and writing, wide knowledge of technical terms (C1.2)

French ●●○○○
Upper beginner to intermediate knowledge (A2/B1), progressing

Professional Experience

Software Engineer, *ACTA di Luca Truffarelli*
06/2025 – 09/2025 | Perugia
Developed a Python pipeline for multivariate electricity consumption forecasting, covering data ingestion, cleaning, feature engineering, and integration of weather data via Open-Meteo. Implemented local SQLite caching to reduce API calls.

R&D Embedded Firmware Engineer,
SolarEdge e-Mobility
03/2023 – 06/2025 | Città di Castello
Developed drivers and firmware for embedded systems including sensors, BMS, inverters, and VCUs. Built Python/PySide6 tools for CAN-based device communication and firmware updates, including reverse engineering of proprietary protocols.

Paid Internship, *AUTOGNITY SRL*
03/2022 – 04/2022 | Pisa, Italy
Developed a custom computer vision system for a warehouse AMR, enabling pallet detection and autonomous approach. Integrated the system with ROS and deployed it on NVIDIA Jetson AGX Xavier using Python, PyTorch, and OpenCV.

Internship, *Unipupil*
02/2015 | Dublin, Ireland
I worked with the website's developers to increase its search engine visibility (SEO Optimization), as well as reporting/fixing some visual bugs and glitches.

Organizations

Student's Joint Committee, *Student Representative*
2019 – 2021 | Perugia, Italy
Served on a 50:50 student-professor commission, analyzing student feedback and course evaluation statistics and contributing to discussions on potential improvements to course content and teaching.

Projects

My Personal Page: riccardobelli.it ,
Created using Hugo
You can find my portfolio of projects and blog posts there.