Giovanni Pegoraro

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🌐 giovipeg.github.io

Education

Politecnico di Milano *Computer Engineering — Milan*	*Sep 2024 - In progress*

- **GPA:** 27.68/30

ITT "G. Chilesotti" *Electronics and Automation — Thiene, VI*	*Sep 2019 - Jun 2024*

- **Grade:** 100L/100
- **Extracurricular activities:** RoboCup Jr, Omron Smart Project, Math Olympics

Experience

Software developer *PoliSpace — Milano*	*Oct 2024 - In progress*

- Implementation of differential drive with ros2_control framework onboard a rover for the European Rover Challenge
- Interface of a servo drive with ros2_control via Ethercat

Internship *Tecno Elettra S.r.l. — Schio, VI*	*Jun 2023*

- PLC, HMI programming
- Industrial electrical panel wiring

Achievements

RoboCup Jr Academy	*Apr 2023 - Apr 2024*

- Qualified for national phase in 2023 and 2024 editions

Third place National Automation Competition 2023	*May 2023*

- National competition related to Electronics, Automation and Control Systems

Third place in the "Gara a Squadre" 2022 - Bocconi University	*Apr 2022*

- National competition in Logic and Mathematics

Certifications

Cambridge First Certificate in English	*Nov 2023*

- CEFR Level C1 — Credential ID: C4564637

Technologies

Programming Languages: C, Python

Technologies: Linux, Docker, ROS 2, OpenCV

Microcontrollers and embedded devices: Raspberry Pi, Arduino, ATmega328P, ATmega2560

Industrial automation: Omron PLC and HMI, Weintek HMI