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Date of birth	Nationality	Gender	Place of birth
22-03-2003	Italian	Male	Italy
Driving license			
B			

Motivated Technical Specialist & Robotics Mentor with a background in electrical systems and industrial maintenance. Currently developing a custom robotic arm project and managing a portfolio of 3D-printed designs. Expert in troubleshooting complex machinery and Arduino-based automation. Seeking a role in Prototyping, Mechatronics, or Industrial Maintenance where I can apply my design and repair skills.

PORTFOLIO LINK

<https://diegobergia03-italy.github.io/dist/>

EDUCATION AND QUALIFICATIONS

High school diploma in Electrical Engineering

IPSMAT Istituto professionale, Cuneo (Italy)

Sep 2018 - Jun 2023

Key Subjects and Skills Covered:

- Electrical systems installation and maintenance
- Troubleshooting and repair of industrial equipment
- Practical workshop experience in manual machining (lathe/milling) and structural welding.
- Application of safety standards and procedures in technical environments
- Practical training in circuit diagnostics, system testing, and equipment calibration
- Understanding of industrial control systems and preventive maintenance

WORK EXPERIENCE

Field Service technician

La Cantina s.r.l., Caraglio (IT)

Jun 2024 - Sep 2025

- Electromechanical Repair: Performed advanced diagnostics and repairs on commercial beer dispensing systems and industrial-grade appliances.

- Preventive Maintenance: Executed routine technical service to ensure 100% operational efficiency of household and commercial equipment.

- Technical Troubleshooting: Identified and resolved complex electrical and mechanical failures in fast-paced environments

Robotics Instructor for Children

Rondó dei Talenti, Cuneo (IT)

2024 - 2025

- Robotics Engineering: Taught principles of building and programming robots for competitive racing.
- Award-Winning Mentorship: Recognized as "Mentor Coach for Innovative Project" at the First Lego League for excellence in coaching and technical strategy.

- Logic & Programming: Guided students in developing problem-solving skills through Arduino and block-based coding.

Bono Imballaggi s.a.s., San Rocco Bernezzo (Italy)

- Industrial Operations: Operated high-speed production machinery and performed basic fabrication tasks using welding and machining tools.
- Logistics Management: Executed safe forklift and dredge operations for the transport of bulky industrial goods.

Experience designer

2025

Escape room Cuneo, Cuneo (IT)

Project-based 2025

- Mechanical Prototyping: Designed and implemented physical mechanisms and automated triggers for immersive player environments.
- Creative Engineering: Developed thematic elements involving electro-mechanical locks and sensory feedback systems.

TECHNICAL SKILLS

Robotics & Automation (Arduino)	Expert
3D Design & Prototyping (FDM)	Expert
Electromechanical Repair	Expert
Industrial Maintenance	Experienced
Workshop & Machinery: Lathe, milling machine, Welding	Experienced

TECHNICAL PROJECTS

- DIY Robotic Arm (In progress): Developing a 6-axis robotic arm using Arduino, stepper motors, and custom 3D printed components.
- 3D Printing Portfolio: Designed functional parts and prototypes using CAD software (SolidWorks) and FDM printing
- Escape room mechanisms

LANGUAGES

English	Fluent
Swedish	A1
Italian	Native

LICENCES AND CERTIFICATIONS

- Forklift licence
- Fire Safety and Prevention certificate

REFERENCES

References available on request.