

Mirco Negri

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🌐 LinkedIn | 🐙 GitHub | 🌐 Portfolio

SUMMARY

I'm a Computer Science student who genuinely loves building software that solves real problems for real people. Over the years, I've grown a solid foundation in backend development, and through volunteering and teaching I've learned just as much about collaboration, patience, and communication as I have about code. I'm at my best when I'm learning something new or working through a tough problem with a team that cares about what it's building.

EDUCATION & CERTIFICATIONS

- **Bachelor in Computer Science** Sep 2025 - Present
Università di Trento – Core focus on Algorithms, Data Structures, and Software Engineering Trento, Italy
- **High School Diploma, Applied Science** Sep 2020 - Jul 2025
Liceo Primo Levi Badia Polesine, Italy
- **Certifications & Courses:** Everyday AI (UniTrento, Dec 2025) | English B2 (Cambridge, Mar 2025) | Intensive C1 Course (EF Dublin, Jul 2024)

WORK EXPERIENCE

- **IT Lab Teacher - Contract** Sep 2023 - Feb 2024
Auser Sermide, Lombardy, Italy
 - Led smartphone and tech workshops tailored for a class of 50+ adults and seniors.
 - Promoted digital inclusion by teaching practical tech skills, significantly improving basic IT literacy over a 6-month period.
 - Fostered a supportive learning environment for 50+ attendees, utilizing effective communication and adaptive teaching methods to maintain high engagement.

PROJECTS

- **DesktopQualityInspector** [🔗 Source Code](#)
 - Built a real-time visual state detection pipeline for mechanical components using a custom-trained YOLO model and OpenCV via live camera feed.
- **LifeOS** [🔗 Source Code](#)
 - Developed a local-first personal management Android app using React Native and Expo, consolidating university exams, finances, and daily tasks with on-device persistence.
- **LaundryBot** [🔗 Source Code](#)
 - Engineered a Telegram bot used by 190+ dorm residents, automating over 130 weekly laundry bookings and eliminating scheduling conflicts.
- **MovieRecommender** [🔗 Source Code](#)
 - Built a modern desktop application that processes 30+ real-time movie records using the TMDb API to deliver personalized recommendations.
- **ScoutMealPlanner** [🔗 Source Code](#)
 - Automated menu generation and shopping lists for scout camps of 40+ people, reducing manual planning time by at least 4 hours per event.
- **Carnival Effects** [🔗 Source Code](#)
 - Designed and programmed an audio-reactive web visualizer projected to an audience of 120+ attendees during a university dorm Carnival party.
- **UniArchive** [🔗 Source Code](#)
 - Maintained a comprehensive university archive featuring 10+ study guides and over 200 pages of personal notes fully formatted in LaTeX.

TECHNICAL SKILLS & LANGUAGES

Programming Languages: Python, C/C++, Java, JavaScript, HTML/CSS, PolyML, L^AT_EX

Areas of Interest: Artificial Intelligence, Big Data, Data Management, Software Development

Soft Skills: Problem Solving, Strategic Planning, Cross-Functional Collaboration, Stakeholder Communication, IT Teaching

Languages: Italian (Native), English (B2 Certified, C1 level intensive course)

VOLUNTEERING & EXTRA-CURRICULAR

- **Associate/Educator**, AGESCI - Organized 40+ weekly educational activities and led outdoor programs for 15+ youths, emphasizing strategic planning and cross-functional collaboration. *Sep 2012 - Present*
- **Active Member**, Speck&Tech - Engaging with the local tech community by attending regular meetups on software development, AI, and innovation. *Jul 2026 - Present*
- **Volunteer Rescuer**, A.V.P. Associazione Volontari Polesani - Provided first aid and emergency assistance for community safety and local events. *Mar 2025 - Present*
- **Volunteer**, Fondazione Banco Alimentare ETS - Collected and sorted over 500 kg of food donations to support local families in need. *Nov 2021 - Present*
- **Volunteer**, Sermig Arsenale & Ronda della Carità - Distributed 30+ hot meals and provided assistance to 20+ individuals experiencing homelessness. *Feb 2023 - Nov 2023*

I hereby authorize the processing of my personal data in accordance with the provisions of Italian Legislative Decree 101/2018 and the GDPR (EU Regulation 2016/679).

Last updated: July 2026

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