

Andrea Richichi

☎ +39 3486966422 | @ richichiandrea@gmail.com | 🔗 LinkedIn | 🐙 GitHub | 📍 Trento, Italy

EDUCATION

UniTrento

M.Sc. in Artificial Intelligence Systems; **Current GPA: 4.00/4.00**

Erasmus+ at NTNU (Norwegian University of Science and Technology, QS #276)

Trento, Italy

Sep 2024 – Present

Aug 2025 – Dec 2025

UniTrento

B.Sc. in Computer Science; **GPA: 3.46/4.00**

Trento, Italy

Sep 2021 – Sep 2024

Ranked #1 in Italy for B.Sc. in CS and M.Sc. in AI Systems (Censis 2024).

NEST Merit College Fellow: Selected as an out-of-town student for a prestigious co-living program focused on leadership, community building, and social engagement.

SKILLS

Programming Languages: Python, C/C++, Java, JavaScript, SQL

Technologies & Tools: scikit-learn, PyTorch, OpenCV, NumPy, Pandas, Matplotlib, Git, Docker, MySQL

Languages: Italian (Native), English (Advanced)

EXPERIENCE

LavorAI

Software Engineer — Startup

Trento, Italy

Aug 2024 – Present, Part-time

- Designed and implemented a **.NET-based mobile web application** to streamline construction management processes, including time tracking, equipment rental, and document management.
- Contributed to securing €500,000 in funding by delivering a robust application aligned with Trentino innovation programs.

Bruno Kessler Foundation (FBK)

ML Engineer Intern

Trento, Italy

Feb 2024 – Jul 2024, Full-time

- Developed **VolleyVisionAI**, a video analysis tool for volleyball using computer vision and AI, with features like ball trajectory tracking, player recognition, and automatic event sequence detection.
- Contributed to FBK's sports analytics research under Maurizio Napolitano, advancing AI applications in video analysis and training assessment.

System Logistics - KRONES Group

Software Engineer Intern

Modena, Italy

Jun 2019 – Sep 2019, Full-time

- Optimized **PostgreSQL** database systems for inventory management, improving data retrieval efficiency and system integration.
- Collaborated with the production team to ensure alignment between screen prints and manufacturing requirements, streamlining workflows.

PROJECTS

VolleyVisionAI | [GitHub](#)

- Developed a video analysis platform for volleyball using computer vision and AI. Features include automatic sequence detection, ball trajectory tracking, and player identification to generate customized insights and highlights. Designed for coaches and analysts to enhance strategies and study opponent performance. Initiated during an internship at FBK under the guidance of Maurizio Napolitano.

CLIP-LoRA & DISEF | [GitHub](#)

- Implemented CoCoOp, CLIP-LoRA and DISEF for few-shot image classification on the Flowers102 dataset. The project focused on integrating LoRA into CLIP encoders and designing a synthetic augmentation pipeline with Stable Diffusion and LLaVA to improve base-to-novel performance.