

Giovanni Scovotto

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Education

Politecnico di Torino

B.Sc. IN COMPUTER ENGINEERING

Turin, Italy

- **GPA:** 27.20/30
- **Honours:** Selected for the Honours Programme "**Percorso Intraprendenti**" (reserved for top-performing students).
- **Relevant Coursework:** Object Oriented Programming (29/30), Data Structures and Algorithms (27/30), Operating Systems (29/30), Computer Architecture (27/30), Programming Techniques (30/30 with honours), Databases (27/30).

IIS IPSAR "G. B. Piranesi"

APPLIED SCIENCES LYCEUM DIPLOMA

Capaccio Paestum, Italy

Sep. 2018 - Jul. 2023

- **Final grade:** 100/100 with honours
- **Awards:** 1st Place at RobotCup@School 2023; 1st Place in the School Ranking for the Informatics Olympiad (twice).

Academic & Personal Projects

Challenge@PoliTo by Firms: Hitachi Rail (Master's Course)

TEAM MEMBER

Politecnico di Torino

Feb. 2026 - Jun. 2026

- Selected via the "Percorso Intraprendenti" honours programme to participate in a Master's level corporate challenge.
- Collaborating in a multidisciplinary team to develop a Generative AI model for smart synchronization across hybrid railway software systems.
- Designing a natural language query system to automate DevOps synchronization, identify discrepancies, and manage safe updates in operational and test environments.

"Liceo in 360°" - Virtual Reality Campus Tour

CREATOR & WEB DEVELOPER

IIS IPSAR Piranesi

Oct. 2022 - Feb. 2023

- Architected and deployed an end-to-end web platform providing a Street View-like 360° virtual tour of the high school campus, reaching over 2,000 users in 3 months.
- Managed the complete data pipeline: from raw 360° image acquisition to advanced processing and optimization using AI upscaling and denoising tools (Topaz Gigapixel+Denoise).
- Developed the frontend using **HTML/CSS/JS**, integrating the Marzipano VR library for interactive rendering, and implemented a deployment pipeline via **GitHub**, **Netlify**, and **Firebase**.

RobotCup@School - 1st Place Winner

TEAM LEADER

University of Salerno

Nov. 2022 - May 2023

- Developed a state-based conversational AI for the humanoid robot "Pepper" using **Choregraphe** and **Python**.
- Implemented features for real-time facial recognition, emotion detection, and demographic profiling to adapt the robot's dialogue and behavior.
- Implemented IoT integration via **MQTT** to allow the robot to control external smart devices, alongside a synchronized interactive tablet UI.

Leadership & Extracurricular Activities

B.E.S.T. Politecnico di Torino

BOARD MEMBER (PREV. PROJECT MANAGER)

Turin, Italy

Jul. 2024 - Jun. 2026

- Directing a local group of 60+ members and 17 coordinators, overseeing the organization of 6 large-scale STEM events with an annual turnover exceeding €70,000.
- Led a 10-person team as Project Manager to organize "IBEC", a local engineering competition involving over 420 participants, managing corporate relations, fundraising, and logistics.

Board of European Students of Technology

CERTIFIED SOFT SKILLS TRAINER

International

May 2025 - Present

- Completed 100+ hours of intensive "Train the Trainer" education to become a certified trainer for a network of European student NGOs.
- Designed and delivered 30+ hours of soft skills sessions tailored for STEM students.

EU Neighbours East / DiscoverEU

YOUNG EUROPEAN AMBASSADOR & DISCOVEREU AMBASSADOR

Italy, Slovenia, Poland

Aug. 2023 - Present

- Selected by EU-funded programs to promote knowledge about the EU and promote youth mobility.
- Delivered workshops across Italy, Slovenia, and Poland, focusing on EU institutions and the Eastern Partnership.
- Spoke at national webinars and meetings (e.g., Multipliers' Meeting in Rome) to devise promotion strategies for EU initiatives.

Skills

Programming

C, C++, Python, Java

Web & Databases

HTML, CSS, JavaScript, SQL, MySQL

Tools & Technologies

Git, L^AT_EX, Office Suite, Adobe Creative Suite

Languages

Italian (Native), English (C1 - Cambridge Certificate: 187), French (A2)