



Roberto Togni



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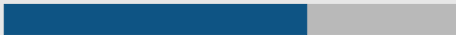
<https://github.com/rtogni00>



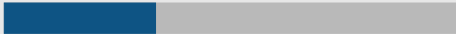
rtogni00@gmail.com

Skills

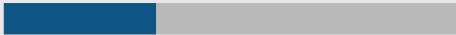
LaTeX



C++



Java



Python



Git & Github



HTML & CSS



Languages

- **Italian:** Native
- **English:** C1
- **German:** C1

Education

2022-Current [University of Trento - B.Sc. in Computer Science](#)

The program covers foundational concepts in programming, algorithms, data structures, computer architecture, and software engineering. It also enables the acquisition of specific skills in fields such as [robotics](#), [cybersecurity](#) and artificial intelligence.

2023-2024 [Erasmus at the University of Göttingen](#)

I spent two semesters at the University of Göttingen. During this period I deepened my understanding in the fields of [robotics](#), artificial intelligence, and [computer networks](#). The courses were mainly taught in German, with the remaining ones being taught in English.

2020-2023 [University of Trento - B.Sc. in Biomolecular Sciences & Technologies](#)

The course is based on a strong integration between biological disciplines and those of mathematics, [physics](#), chemistry and [computer science](#). This is complemented by notions in the fields of bioethics, bio-law and safety in biotechnology. Laboratory activities also allow for the development of experimental training.
Final grade: 109/110

2014-2019 [Liceo Scientifico A. Calini - High School Diploma](#)

Main subjects: math, physics, Latin and English, with the addition of German as a second foreign language.
Final grade: 100/100

Experience

10.22 - 03.23 [Undergraduate Research Assistant at UniTrento CIBIO](#)

I had the opportunity to assist Professor Erik Dassi in the Laboratory of RNA Regulatory Networks in a 5-month internship, which resulted in a project entitled "Development of a machine approach for the prediction of RG4-binding proteins".

2021-22 [OWL Member](#)

I've been an active member of Open Wet Lab, a student association dealing with science outreach and biohacking. Among the main activities I took part in are a [school-work alternation](#) project at the Leonardo da Vinci Scientific High School and the 2022's edition of the [Trentino2060 Festival](#).

01.22 - 06.22 [Laboratory Assistant at UniTrento CIBIO](#)

I worked for 6 months as a lab assistant, conducted tasks such as equipment maintenance and preparation of solutions required for laboratory activities.

Projects

Robotics project

During the Erasmus Winter Semester 2023/24 I had the opportunity to collaborate with two other students for the realization of a two-wheeled robot. The final result was a Lego Mindstorm-based robot, powered by a Raspberry Pi, capable of exploring a track made of Aruco markers, computing the most efficient path and following it as quickly as possible. The code was made public at the end of the course and can be found on GitHub.