Riccardo **Periotto**

Computer Scientist | Autonomous Systems Engineer

About me

Driven by my passion for learning and technology, I embraced the ICT world in high school and delved into the subject until I got my bachelor's degree in Computer Science. After that, I worked in the field for one year and finally graduated in Autonomous Systems from a double degree program two years later. Since then, I have been working as a Software Engineer for robotics in Munich, where I contribute to simplifying the application of AI-driven solutions to industrial automation, particularly robotics.

Personal information

- Born on 15/09/1998
- riccardo.periotto@gmail.com
- 38080 Carisolo (TN), Italy
- riccardoperiotto
- riccardoperiotto

Languages

- Italian - Native Language
- English - Professional Knowledge
- German - Basic Knowledge

Programming languages

C   C#   C++   Java   Javascript   Maple
MATLAB   Python   R

Hard skills

Algorithms   Artificial Intelligence
Applied Estimation   Automatic Control
Data Structures   Databases & SQL
Deep Learning   Dynamic Modeling
Full Stack Development   Machine Learning
Mechatronics   Object Oriented Programming
Robotics   Sensor Fusion   Software Engineering

🎓 EDUCATION

sep 2021-nov 2023	**MSc Autonomous Systems** 📍 EIT Digital

Europe
European double degree program focusing on new technologies, entrepreneurship, and business.

First year: University of Trento (UniTN)
Second year: Royal Institute of Technology (KTH)

sep 2017-jul 2020	**BSc Computer Science** 📍 University of Trento

Trento, Italy

Main subjects: Algorithms, Software Engineering
Grade: 110/110 with honours

sep 2014-jul 2017	**HS Computer Science** 📍 ITT Marconi Rovereto

Rovereto, Italy

Main subjects: Programming, Network Systems
Grade: 100/100 with honours

💼 WORK EXPERIENCE (in the field of study)

dec 2023-ongoing — **Software Engineer for Robotics**   📍 Munich, Germany
Agile Robots AG
I'm working in the R&D department on AgileCore, the company software platform facilitating the development and deployment of automation solutions.

jan 2023-jul 2023 — **Research Intern**   📍 Stockholm, Sweden
Ericsson
I joined the research team to develop the research project for my master's degree. The result is a control algorithm for teleoperation aware of physical obstacles and network delays; more details can be found in the publication at the link.

jan 2021-sep 2021 — **Software Engineer**   📍 Borgo Chiese, Italy
BM Group Polytec S.p.A.
Development of cloud solutions for industrial plants. Video to the main project I worked on link.

oct 2019-feb 2020 — **Computer Science Intern**   📍 Trento, Italy
SpazioDati S.r.l.
I joined the company as an intern and developed my bachelor's degree project there. The main focus was to interface with the company's APIs and use their datasets in a web application.

🖥 TOOLS & FRAMEWORK

- **.NET**: advanced
- **Django**: advanced
- **gRPC**: intermediate
- **Linux & git**: advanced
- **Reach.js & Vue.js**: intermediate
- **ROS 2**: advanced
- **Unity**: intermediate

I live in a tourist area and have always done **seasonal jobs**. I do my best to complete what I commit to and, sometimes, I am even far too meticulous; this is why my scout totem is *Precise Hedgehog*. I love sports, particularly climbing, running, and snowboarding: I don't do them competitively, but I am honestly addicted to them!

Updated version of this document available at: CV_RiccardoPeriotto.
Date: April 21, 2025.