

# Riccardo Periotto

Computer Scientist | Autonomous Systems Engineer



## About me

Guided by my passion for studying and technology, I approached the world of ICT in high school and delved into the subject until I graduated in Trento. Between my bachelor's and master's degrees, I worked in the field to understand what my passion really was. I am now in the final year of my master's degree in autonomous systems and my main goal is to develop software for robots. Industrial robotics, control, and deep learning are the subjects I prefer and I am ready to apply them to my next challenge!

## Contact

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 Driving License B

## Languages

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

## Programming languages

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

## Technical skills/courses

Software Engineering Control  
Industrial Robotics Machine Learning  
Model Predictive Control Deep Learning  
Mechatronics Algorithms Data Structure  
Sensor Fusion Database Dynamic Modeling  
Operating Systems Full Stack Development

## EDUCATION

sep 2022-  
Ongoing



**Master's Degree**  
**KTH Royal Institute of Technology**

📍 Stockholm, Sweden

*Autonomous System*

Second year of the Master's degree in Autonomous System, EIT Digital program

jul 2022-  
aug 2022



**Summer School**  
**Technical University of Munich**

📍 Munich, Germany

*Industry 4.0*

EIT Digital program Summer School. Topic: IoT platforms for Industry 4.0

sep 2021-  
jul 2022



**Master's Degree**  
**University of Trento**

📍 Trento, Italia

*Autonomous System*

First year of the Master's degree in Autonomous System, EIT Digital program

sep 2017-  
jul 2020

**Bachelor's Degree**  
**University of Trento**

📍 Trento, Italia

*Computer Science*

Degree: 110/110 with honours

sep 2014-  
jul 2017

**High School Diploma**  
**ITT Marconi Rovereto Marconi**

📍 Rovereto, Italia

*Computer Science*

Grade: 100/100 with honours

## WORK EXPERIENCE (in the study sector)

jan 2021-  
sep 2021



**Software Engineer**  
**BM Group Polytec S.p.A.**

📍 Borgo Chiese, Italy

*Software engineering and manufacturing*

Development of cloud solution for industrial plants and robotic cells

nov 2020-  
dec 2020

**Data Engineer**  
**Capgemini**

📍 Milan, Italy

Think fast: this was not my job

oct 2019-  
feb 2020

**Computer Science Intern**  
**SpazioDati S.r.l.**

📍 Trento, Italy

Thesis project with large datasets and company APIs

## FRAMEWORKS AND "TOOLS" (main ones)

- ROS2: basic
- .NET: advance
- Node.js: advance
- Unity: intermediate
- Scikit-learn: intermediate
- Jax: intermediate
- SQL: advance
- MapleSim: beginner
- React.js: intermediate
- git: advance

I live in a tourist area and have always done seasonal jobs. Sometimes, I am far too meticulous and indeed my scout totem is precise hedgehogs. My only addiction is running: I see it as a leisure time, but I can't go more than 5 days without it!

Updated version of this document available at: CV-RiccardoPeriotto.  
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