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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- riccardo-periotto
- riccardoperiotto
- Driving License B

Languages

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

Programming languages

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

Skills

Software Engineering | Control | SCRUM
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 — *Autonomous System* — Second year of the Master's degree in Autonomous System, EIT Digital program	Stockholm, Sweden
jul 2022-aug 2022	**Summer School** — Technical University of Munich — *Industry 4.0* — EIT Digital program Summer School. Topic: IoT platforms for Industry 4.0	Munich, Germany
sep 2021-jul 2022	**Master's Degree** — University of Trento — *Autonomous System* — First year of the Master's degree in Autonomous System, EIT Digital program	Trento, Italia
sep 2017-jul 2020	**Bachelor's Degree** — University of Trento — *Computer Science* — **Degree: 110/110 with honours**	Trento, Italia
sep 2014-jul 2017	**High School Diploma** — ITT Marconi Rovereto Marconi — *Computer Science* — **Grade: 100/100 with honours**	Rovereto, Italia

💼 WORK EXPERIENCE (in the study sector)

jan 2021-sep 2021	**Software Engineer** — BM Group Polytec S.p.A. — *Software engineering and manufacturing* — Development of cloud solutions for industrial plants and robotic cells	Borgo Chiese, Italy
nov 2020-dec 2020	**Data Engineer** — Capgemini — Think fast: this was not my job	Milan, Italy
oct 2019-feb 2020	**Computer Science Intern** — SpazioDati S.r.l. — Thesis project with large datasets and company APIs	Trento, Italy

🖥 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. Date: November 1, 2022.