

MIROLJUB MIHAILOVIC

24, Italian/Bosnian, Vicenza (Italy)

☎ +39-3420030062

✉ miroljubmihailovic98@gmail.com

🌐 [LinkedIn](#)

🐙 [GitHub](#)

🌐 [Website](#)

EDUCATION

Università degli Studi di Padova

10 2020 - 07 2022

M.Sc. ARTIFICIAL INTELLIGENCE AND ROBOTICS - GPA - 28.621/30

Padua, Italy

Università degli Studi di Padova

10 2017 - 09 2020

B.Sc. COMPUTER ENGINEERING - GPA 26/30

Padua, Italy

MAIN COURSEWORK / SKILLS

- | | | | |
|--|---------------------------------------|---|--------------------------------|
| • Machine Learning & Artificial Intelligence | Robotics and Control & Control Theory | • Automata, Languages and Computation | • Database & Computer Networks |
| • Computer Vision & 3D Data Processing | • Operation Research 1-2 | • Fundamental of Electronics & Circuit Theory | • Project Management |
| • Industrial Robotics & | • Intelligent Robotics | | |

MAIN PROJECTS / PAPERS / PRIZES

Fly your thesis! European Space Agency 🌐

02 2021 - 11 2022

- ERMES (Experimental Rendezvous in Microgravity Environment Study) project is concerned with the design and development of a test for an autonomous docking manoeuvre between CubeSats mock-ups to be performed on a parabolic flight in order to take advantage of a reduced-gravity environment.
- Supervision: ESA (European Space Agency), DII (Department of Industrial Engineering).

72nd International Astronautical Congress (Dubai, UAE) 🌐

2021

- Experimental Rendezvous in Microgravity Environment Study (ERMES).
- [Download Paper](#)

Mentee at LeadTheFuture 🌐

09 2022 - present

- Lead The Future empowers top-performing students to achieve their goals and contribute to their communities. (Acceptance rate less than 20%).

Master thesis project 🌐

10 2021 - 07 2022

- Reinforcement learning in shared intelligence systems for mobile robots.

Solutions for TSP (Travelling Salesman Problem) 🌐

03 2021 - 08 2021

- Small thesis about different algorithms for solving the Traveling Salesman Problem.

Second place NASA Hackathon Space Apps challenge (Prize €1000)

10 2018

- System for astronaut localization using triangulation of signals.

INTERNSHIP / WORK EXPERIENCE

Nordest Technology 🌐

01 2023 - present

Machine Learning Product Manager

Vicenza, Italy

- Responsible for leading the development and commercialization of machine learning-based products and services.

04 2022 - 01 2023

Machine Learning Engineer

Vicenza, Italy

- Implementation of an automatic detection system for anti-money laundering and anti-terrorism anomalies through machine learning implementations.

Università degli Studi di Padova - DEI - IAS LAB 🌐

10 2021 - 07 2022

Research Training

Padua, Italy

- Research training on reinforcement learning methods.

TECHNICAL SKILLS

Languages: Python, C, C++, Java, Matlab, PHP, SQL

Tools/Libraries: ROS, TensorFlow, Scikit-learn, Keras, OpenCV, OpenAI, Open3D, Eigen, Pandas, CPLEX, ML Flow, Flask, Pytest

Technologies: Linux, Windows, AWS, GitHub, Git, Arduino, Raspberry

LANGUAGES

ITALIAN: Native language

ENGLISH: English B2 - Speaking [!\[\]\(3dfb8d66e81160ad61421a3452093d1b_img.jpg\)](#), English B2 - Reading and Listening [!\[\]\(21ece2018b00c7267b3324c50bbed633_img.jpg\)](#)

SERBO-CROATIAN: Native language

EXTRACURRICULAR

Didactic support for high school students in the following subjects: Physics, Mathematics and Computer Science, 2018 - Current.

SOFT SKILLS

Self-motivated, Professionalism, Teamwork, Time-management, Humour, Goal setting, Self-starter, Planning, Collaboration, Cooperation, Coordination

PERSONAL INTEREST

Reading, Chess, Hackathon competitions, Sport: bodybuilding, running and competitive football (2008-2018).