



Michele Maria Ciciolla

Master in Artificial Intelligence and Robotics

How to reach me:

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Location:

Rome

Personal Profile

I consider myself a genuine robotics and artificial intelligence enthusiast with a strong goal oriented thinking and team working attitude.

I'm interested in R&D, Robotics, Artificial Intelligence, Automotive, Space/Defence context.

University Education

Università La Sapienza Roma

Master of Science in Artificial Intelligence and Robotics

- Sept. 2018 to May 2021
- Specialized in robotics, computer vision and deep learning
- Thesis in computer vision applied to industrial robotics for camera calibration

Università Roma Tre

Bachelor of Science in Computer Science

- Sept. 2014 to March 2018
- Specialized in automation control and project management
- Thesis in mobile robotics navigation and mapping (SLAM)

Relevant academic projects

CNN Classifier of Covid patients based on their RX exams

- Python, TensorFlow

Platoon control strategy for autonomous vehicles

- MATLAB

SLAM algorithm for a simulated robot using a range sensor

- MATLAB

Languages

Italian : NATIVE Spanish : BEGINNER
English : FLUENT

Work Experience

Intern - Robotics Software Engineer

ICAPGROUP

January 2021 - May 2021

- Developed an application to automatize camera calibration in industrial robotics context
- ABB RobotStudio, HexSight, VB.NET

Professional Skills

Coding Languages:

Python, Visual Basic, Java, C/C++

Frameworks/Systems:

Tensorflow, ROS, Matlab

Linux, Windows, GIT

URSim, RobotStudio, HexSight, RoboDK

Soft Skills:

Team player, reliability, adaptability

Courses and Certifications

ETH Robotics Summer School

ETH University Zürich (Switzerland)

07/2021

- Tutorials and hands-on sessions on real mobile robots
- Testing, search and rescue competition using a real (semi)-autonomous rough-terrain UGV
- Mobile robotics navigation, ROS, C++

Advanced training course in collaborative robotics

Experis Academy (Manpower)

09-11/2020

- Practical knowledge about collaborative robots in the context of lean manufacturing
- Industry 4.0, Project Management
- Final case-study projects
- Collaborative robotics, URSIM, RoboDK

Coursera

DeepLearning.AI TensorFlow Developer course

- Hands-on tutorials on Deep Learning, CNN, Transfer Learning, NLP
- Python, TensorFlow