

# MATTEO LANZARINI

Driven, logical, and interested in technological innovation with multiple experiences on different research fields. Enjoys working in teams to combine different knowledge of each member and achieve optimal results. Eager to make a positive impact in the world to make it a better place to live in. Fascinated by technology since childhood, loves to create and fix all kind of techs, both for fun and necessity.



## INFO & CONTACT

- April 20<sup>th</sup> 1996, Bologna, Italy
- mattelanza96@gmail.com
- +39 389 1199603
- via Dell'Osservanza 26/5, Bologna, Italy
- Matteo Lanzarini
- Driver License B

## SKILLS

### Programming

Python	●●●●●●
Java	●●●●●●
C++	●●●●●●
C#	●●●●●●
ST	●●●●●●
Matlab	●●●●●●
LaTeX	●●●●●●

### Operating Systems

Linux	●●●●●●
Windows	●●●●●●
Robot Operating System	●●●●●●

### Software & Tools

Creo Parametrics	●●●●●●
CoDeSys	●●●●●●
B&R Automation Studio	●●●●●●
Simulink	●●●●●●
MS Office	●●●●●●
Adobe Photoshop	●●●●●●
Sony Vegas	●●●●●●
Audacity	●●●●●●

### Soft Skills

Problem Solving	●●●●●●
Decision Making	●●●●●●
Adaptability	●●●●●●
Leadership	●●●●●●
Teamwork	●●●●●●

### Languages

Italian	●●●●●●
English	●●●●●●

## CERTIFICATES

- EIPASS 7 Moduli Standard
- Cambridge English Qualification B2

## EDUCATION

- 11/2021 - Today  
 Alma Mater Studiorum University of Bologna  
**P.h.D. in Biomedical, Electrical and System Engineering**  
Research on Manned-Unmanned Team of fixed-wing vehicles in collaboration with Leonardo S.p.A.
- 06/2021 - 10/2021  
 Alma Mater Studiorum University of Bologna  
**Researcher**  
Research on optimization method for multi-agent unmanned team in collaboration with Leonardo S.p.A.
- 12/2018 - 03/2021  
 Alma Mater Studiorum University of Bologna  
**Master in Automation Engineering**  
2 Years International Master degree in English, with a final degree mark of 107/110, with thesis in distributed optimization.
- 09/2015 - 12/2018  
 Alma Mater Studiorum University of Bologna  
**Bachelor in Automation Engineering**  
3 Years Bachelor Degree in Italian
- 09/2010 - 06/2015  
 Liceo Scientifico Augusto Righi, Bologna  
**Diploma di Maturità Scientifica**

## EXPERIENCES AND VOLUNTEERING

- 2022 - Today  
 Alma Mater Studiorum University of Bologna  
**University Tutoring**  
Tutoring class of Control Theory and Automation Engineering laboratories
- 09/2015 - Today  
 Home's Personal Studio, Bologna  
**Private Tutoring**  
Math, Physics and Computer Science tutoring for Secondary School's students
- 2015-2019  
 Estate Ragazzi Santa Maria Della Misericordia, Bologna  
**Summer Camp's Coordinator**  
Management and Coordination of younger volunteers, organization of activities for numerous children
- 2011-2014  
 Estate Ragazzi Santa Maria Della Misericordia, Bologna  
**Children's Animator for Summer Camp**  
Games and activities preparation, children animation and education

## ACHIEVEMENTS, HONOURS AND AWARDS

- Five times qualified for National finals of the Bocconi University mathematical games, years 2009-2010-2011-2013-2014.
- Scholarship of merit from Banca di Bologna for the results obtained in graduation exam of 2014/2015 with a final grade of 100/100.

## INTERESTS AND HOBBIES

- Ski
- Physics
- Swim
- Movies
- Coding
- Robotics
- Domotics
- Space Exploration
- Video Games
- Parkour
- Cybernetic Prosthesis