

University Academic Curriculum Vitae

Personal information Manzardo Matteo

Education since leaving school

- Scientific High School Diploma (Jul. 2018)
Liceo F. Corradini, Thiene (VI), Italy
100/100
- Bachelor in Industrial and Mechanical Engineering (Sep. 2021)
Free University of Bozen/Bolzano, Bozen (BZ), Italy
110 cum Laude/110
- Master in Industrial Mechanical Engineering (Jul. 2023)
Free University of Bozen/Bolzano, Bozen (BZ), Italy
110 cum Laude/110

Present appointment

- Ph.D. Student
- 1.nov.2023 – to date
- Università degli Studi di Genova
- National Interest Ph.D. in Robotics and Intelligent Machines
- Ph.D. topic: Optimal motion planning for redundant and adaptive industrial collaborative robotic systems

Professional experience

From / to	Job title	Name of academic Institution	Academic level	responsibilities
Jan. 24 - to date	R&D Engineer	Autotest Südtirol	Employee	Development of collaborative robotic workstations
Aug. 23 - Nov. 23	Commissioned research	Free University of Bozen/Bolzano, Smart Mini Factory Lab	Researcher	Development of software to control industrial robots
Jan. 22 – Dec. 22	FiRST	Free University of Bozen/Bolzano, FiRST Lab	Working Student	Lab Assistant
Jul. 21 – Aug. 21	R&D Intern	Mollificio Cappeller	Intern	Development of novel algorithms to control industrial machines

Awards received:

2018:

5th place at 'Italian Games of Chemistry', national level. 19th place at 'Mathematical Olympiad - Teams Event', national level. Qualification for the national finals of 'Physics Olympiad'.

2017:

15th place at 'Italian Games of Chemistry'.

5th place at 'Mathematical Olympiad - Teams Event', national level.

2016:

Qualification for the national finals of 'Mathematical Olympiad - Teams Event'.

Publications

- Conference papers

Manzardo M, Carabin G, Vidoni R, *Cycle time reduction through redundancy optimization in industrial robotic tasks*, 16th IFToMM World Congress [WC2023] – November 5 – 10, 2023.

Manzardo M, Carabin G, Vidoni R, *Design of a path planning method for a robotized optimal trimming*, 4th International Conference of IFToMM Italy (IFIT2022), 2022.

Statement of interest

Candidates should outline reflexively their expected contribution to the advertised position at the unibz and to the university overall. This statement should highlight relevant elements of the candidate's CV that underline the particular suitability of the applicant.

Language competence

Written and spoken competence in all languages according to CERF levels, Common European Reference Framework:

- Italian: mother tongue
- English: C1 (both written and spoken)
- German: B2 (both written and spoken)

Bozen, 31/01/2024