



Giacomo Melacini

Date of birth: 30 Dec 1998 | **Nationality:** Italian | **Phone number:** (+39) 3408853461 (Mobile) |

Email address: giacomo.melacini2@unibo.it | **GitHub:** <https://github.com/Chavelanda>

EDUCATION AND TRAINING

NOV 2024 – CURRENT Bologna, Italy

PHD IN COMPUTER SCIENCE AND ENGINEERING Università di Bologna

Field of study Deep Learning in the medical domain

SEP 2021 – MAR 2024

MSC IN ARTIFICIAL INTELLIGENCE University of Bologna

Final grade 110 cum Laude | **Level in EQF** EQF level 7 | **Type of credits** ECTS | **Number of credits** 120 |

Thesis Reducing Memorization in Latent Diffusion Models for 3D Medical Images Generation

SEP 2017 – MAR 2021 Bolzano, Italy

BACHELOR IN COMPUTER SCIENCE Free University of Bozen-Bolzano

Final grade 110 cum laude /110 | **Level in EQF** EQF level 6 | **Type of credits** ECTS | **Number of credits** 180 |

Thesis An AlphaZero approach to Watten: Reinforcement Learning for an incomplete information card game

FEB 2019 – JUL 2019 Regensburg, Germany

ERASMUS+ Universität Regensburg

2011 – 2017 Udine, Italy

SECONDARY SCHOOL DIPLOMA Scientific High School Marinelli

MAR 2015 – JUL 2015 Graz, Austria

PROGETTO GIORGIUTTI (EXCHANGE)

Four months exchange in an austrian high school.

WORK EXPERIENCE

TUTOR UNIVERSITÀ DI BOLOGNA

Tutor of the *Reti Logiche* course at the University of Bologna. Delivering exercise sessions and giving support to students.

SEP 2024 – SEP 2024 Bologna, Italy

TUTOR ARCHILABÒ SOC. COOP. SOC.

Teacher of an introductory course to AI and Machine Learning for high school students

Address Via L. L. Zamenhof 3/a, 40137, Bologna, Italy

APR 2024 – MAY 2024 Bologna, Italy

TUTOR ARCHILABÒ SOC. COOP. SOC.

Courses for improving basic mathematic skills

31 MAR 2021 – 30 AUG 2021 Bolzano, Italy

COMMISSIONED RESEARCHER: SEMANTIC ENRICHMENT AND INTEROPERABILITY FREE UNIVERSITY OF BOZEN-BOLZANO

Analysis, implementation, training and evaluation of a software based on AlphaZero, which is able to learn the rules and the strategies of an incomplete information card game.

Business or Sector Professional, scientific and technical activities

31 DEC 2018 – 30 DEC 2019 Bolzano, Italy

STUDENT JOB FREE UNIVERSITY OF BOZEN-BOLZANO

Tutor in Linear Algebra, Logic and discrete Mathematics.

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
GERMAN	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

Bologna , 17 Mar 2025



Giacomo Melacini