



Alberto Genovese

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● INFORMAZIONI PERSONALI

Recent Artificial Intelligence graduate from Alma Mater Studiorum – Università di Bologna, currently serving as Manager of the UniBo Motorsport Driverless Division. A technical leader focused on autonomous systems, team coordination, and the deployment of AI in high-performance racing environments.

● ISTRUZIONE E FORMAZIONE

01/11/2023 - 26/03/2026 - BOLOGNA, ITALIA

MASTER'S DEGREE IN ARTIFICIAL INTELLIGENCE- ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA

Voto finale: 110 | **Tesi:** Enhancing Environmental Perception in Formula Student: A Robust LiDAR Pipeline for Real-Time Cone Detection. | **Sito Internet:** www.unibo.it

01/09/2025 - Attuale - BOLOGNA, ITALIA

MANAGER OF THE DRIVERLESS TEAM- UNIBO MOTORSPORT TEAM

Indirizzo via edoardo collamarini 8 | **Sito Internet:** <https://motorsport.unibo.it/>

01/10/2024 - 01/09/2025 - BOLOGNA, ITALIA

MEMBER OF THE DRIVERLESS TEAM- UNIBO MOTORSPORT TEAM

Sito Internet: <https://motorsport.unibo.it>

17/09/2020 - 26/10/2023 - FISCIANO, ITALIA

BACHELOR'S DEGREE IN COMPUTER SCIENCE- UNIVERSITY OF SALERNO

Campi di studio Software and applications development and analysis | **Voto finale:** 110 con lode | **Tesi:** Quantum machine learning unveiled: a quantum leap or a quantum hype for machine learning Relatore: Genoveffa Tortora |

Indirizzo Via Giovanni Paolo II, 132 | **Sito Internet:** <https://www.unisa.it/>

FISCIANO, ITALIA

CAMBRIDGE ENGLISH CERTIFICATION C1- CLA UNISA

Indirizzo Via Giovanni Paolo II, 13284084 | **Sito Internet:** <https://www.cla.unisa.it/>

15/09/2015 - 27/06/2020 - NOLA, ITALIA

HIGH SCHOOL DIPLOMA- ISTITUTO SUPERIORE I.S.I.S ALBERTINI

Indirizzo Via Circumvallazione, 29280035 | **Sito Internet:** <https://www.liceoalbertininola.edu.it/>

● COMPETENZE LINGUISTICHE

Lingua madre: **ITALIANO**

COMPRENSIONE

ESPRESSIONE ORALE

SCRITTURA

	Ascolto	Lettura	Produzione orale	Interazione orale
INGLESE	C1	C1	B2	B2

● **COMPETENZE**

Programming languages

Python (Proficient) | Dart(intermediate) | C (Intermediate) | Java (Intermediate) | Javascript (Basic) | CSS (Basic) | C++ | HTML (Basic)

Framework and tecnologies

Flutter (Intermediate) | Deep Learning (Tensorflow, Pytorch(basic), Jax/Flax(basic)) | Python (PyROOT, RDataFrame; ML: Keras, TensorFlow) | computer vision | Flask (Intermediate) | Firebase (Intermediate) | React Native (Basic) | ROS(robot operating system) | scikit learn (Basic) | Pandas (Basic) | Git

● **PATENTE DI GUIDA**

Patente di guida: B

● **PROGETTI**

01/2023 - 03/2023

ML_Report.it Machine learning module for the project Report.it, realized for the exam "Fondamenti di intelligenza artificiale"

Used technologies

Python e scikit learn (backend) / Flutter and dart (frontend) / Flask (Server)

Link https://github.com/TechRufy/ML_Report.it

10/2022 - 01/2023

Report.it Smartphone application realized with the objective to fight discrimination

Realized for the exam "Ingegneria del software".

Used technologies :

Dart and Flutter (frontend e backend) / Firebase (database and authentication)

Link <https://github.com/TechRufy/Report.it>

01/04/2024 - 10/06/2024

ShowdownBayesian Project realized for the exam of Fundamentals of Artificial Intelligence module 3, the aim of the project is to test the capabilities of the bayesina network for playing pokemon battle.

Link <https://github.com/TechRufy/showdownBayesian>

● **SOFT SKILL**

Team working

I thrive in a team environment, believing that the best results come from open collaboration and mutual support. I am a reliable and communicative partner, actively listening to others and contributing constructively to our shared goals. My focus is on creating a positive atmosphere where every member feels valued and empowered to do their best work, ensuring we succeed together.

Problem Solving

I excel at breaking down complex technical challenges into manageable components and developing efficient, scalable code to solve them. My approach involves systematically analyzing problems, debugging with precision, and architecting robust solutions. I enjoy the logical process of identifying the root cause of an issue

and building elegant, effective code to create a seamless user experience.

High Ability to learn new technology

I am a quick and enthusiastic learner, driven by a passion for mastering new technologies and programming languages. I have a proven ability to rapidly grasp complex concepts and apply them to practical development challenges. I thrive on staying current with the latest industry trends and enjoy the process of expanding my technical skill set to build more innovative and efficient solutions.

Adaptability

I am highly adaptable, capable of quickly adjusting to new challenges, technologies, and project requirements. I embrace change with a positive outlook and can pivot my approach to meet evolving needs in a dynamic development environment. This flexibility allows me to stay productive and focused, ensuring that I can effectively contribute to any project, regardless of unexpected shifts or hurdles.

Good Autonomy

I am a self-directed and proactive professional who excels at working independently to achieve goals. I take initiative in managing my responsibilities and can be relied upon to complete tasks and projects with minimal supervision. My approach involves taking ownership of my work, from initial planning to final execution, ensuring a high standard of quality and meeting deadlines.

Leadership

As a leader, I strive to inspire and guide teams toward achieving a shared vision. I focus on clear communication and building strong relationships to foster a collaborative and motivating environment. My approach involves actively listening to my team, empowering them through delegation, and making decisive, informed choices. I am committed to continuous learning and adapting my approach to bring out the best in others and drive meaningful results.

I authorize the processing of my personal data in the CV in accordance with art. 13 d. lgs. 30 June 2003 n. 196 - "Code for the Protection of Personal Data" and art. 13 GDPR 679/16 - "European Regulation on the Protection of Personal Data".

Bologna, 26/04/2025



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