

# Gabriele Granzotto

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🔗 [gabrielegranzotto.github.io](https://gabrielegranzotto.github.io)

in Gabriele Granzotto

👤 GabrieleGranzotto

## Summary

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AI student at Trieste University. I am curious and passionate about technology, computer science and AI. I like to learn new things, analyze it critically and go into it. I consider myself a skilled problem solver and a good team player. My extra-work passions are Art, Philosophy and Games of all kinds, from Chess to Video Games.

## Education

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**HS** **ISSIS G. D'Annunzio**, High School

Sep. 2010 to Aug. 2015

- **Final Grade:** 82/100
- **Address:** Via Italico Brass, 22, 34170 Gorizia GO.
- **Website:** [dannunzio-fabiani.it](http://dannunzio-fabiani.it)

**BS** **Trieste University**, Artificial Intelligence and Data Analytics

Sep. 2021 to Current

- **Location:** Trieste, Friuli-Venezia Giulia, Italy.
- **Website:** [portale.units.it](http://portale.units.it)
- **Coursework:** Mathematical Analysis, Software Foundations, Computer Architecture, Algorithms, Statistical Inference, Data Analysis, Artificial Intelligence, Machine Learning, Numerical Methods, Optimization Algorithms, Dynamical Systems.

## Projects

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**Website Portfolio**

Apr. 2024

- Created a website portfolio totally from scratch, to contain Informations, Projects and Articles about my interests.
- Used HTML and CSS.
- **Website:** [gabrielegranzotto.github.io](https://gabrielegranzotto.github.io)

**Data Analysis**

Jul. 2023

- Made a Data Analysis of the dataset "Automobile".
- Used R.
- Made with Cristiano Baldassi, Sara Trabucco and Davide Zorzetto
- **Link:** [Dataset Report](#)

**Database**

Jul. 2023

- Design a Database project for storing Video Game Saves.
- Used MySQL.
- **Link:** [Database Project](#)

**Machine Learning Methods**

Gen. 2024

- Implemented from scratch simplest Machine Learning methods like PCA, K-means, Random Forest and Naive Bayes.
- Used Python and Python Library Numpy .
- **Link:** [github.com/GabrieleGranzotto/ML\\_from\\_scratch](https://github.com/GabrieleGranzotto/ML_from_scratch)

## Language Skills

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**Mother Tongue:** Italian

**Other Language:** English B2

## Digital Skills

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**Operative Systems:** Windows, Linux

**Proficient Languages:** C, Python, R, HTML, CSS, Markdown

**Experienced Languages:** Matlab, C#, Bash, SQL,  $\text{\LaTeX}$

**Familiar Languages:** Assembly, Fortran, Pascal, JavaScript

**Frameworks and Libraries:** Numpy, Scipy, Scikit-Learn, Pytorch, Matplotlib, Seaborn, GGplot2, Tidyverse, JQuery

**Software and Tools:** Visual Studio Code, R Studio, AutoCAD, Unity Game Engine, Office Suite, Git, Docker

## Additional Experience

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**Astronomical Observatory:** Took a course at the [CCAF](#) astronomy club.

**Youth entertainer:** Summer camp instructor for teens and children. Animated children's parties for free for the local church.

**Blood Donor:** 2014 to the present.