




# Maurizio Falconi

## Data Scientist '98

I am a Data Scientist with a versatile STEM background, thanks to my studies in physics and blockchain technologies, as well as my experience as a full-stack developer. In my free time, I teach physics and mathematics to high school students. I have also developed a website where you can find a more detailed account of my work experience, certifications, and skills: [falker47.github.io/myresume](https://falker47.github.io/myresume)

**Note:** when it appears the icon  next to an activity you can click on it to see the certification. You can click also on every underlined text to interact with it.

## Education

- 2024 - in progress  
**BACHELOR IN ECONOMICS**  
*Università degli Studi di Roma La Sapienza, Rome, Italy*
- 2022 - 2023   
**SPECIALIZZAZIONE IN ALGORITMI & DATA STRUCTURES**  
*University of California San Diego, US*
- 2022 - 2023   
**SPECIALIZZAZIONE IN DATA SCIENCE**  
*IBM, New York, United States*
- 2019 - in progress  
**BACHELOR IN PHYSICS**  
*Università degli Studi di Milano Bicocca, Milan, Italy*

## Skills

- Blockchain, Smart Contract, Git Machine Learning, Data Analysis Azure, MS Office, Cybersecurity
- Python, SAS, C, C++, C#, SQL, html, CSS, Javascript, Typescript
- Datalku, Angular, Bootstrap, .NET Node js, Scrum, React

## Languages

ITALIAN	(C2)	<div></div>
ENGLISH	(C1)	<div></div>
SPANISH	(B2)	<div></div>
FRENCH	(B2)	<div></div>

## Contacts

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-  [/MaurizioFalconi](#)

## Freelance Activity

### January 2023 - present day

#### Private STEM Teacher

I'm teaching physics and mathematics to High School students as a freelancer. So far I provided **400+ hours** of lessons to **20+ students**. You can reach my Teacher Accounts on [LeTueLezioni](#) and [SuperProf](#) to check my students reviews, or [my tutoring website](#) that I developed on my own

## Working Experience

### September 2024 - present day

*Banca Privata Leasing | Via Castaldi da Feltre, Reggio E. (RE), Italy*  
**CREDIT RISK ANALYST - Credit Assessment Department**

Portfolio analysis through financial and asset evaluations to determine creditworthiness and financing eligibility. I also perform anti-money laundering checks to ensure regulatory compliance.

### September 2023 - August 2024

*Crédit Agricole | Via La Spezia 138/A, Parma (PR), Italy*  
**CREDIT RISK ANALYST**

As a member of Credit Risk Modeling Team, I've been working on the development of an Early Warning model with Artificial Intelligence techniques (Machine Learning). I also contributed to the Data Collection project in order to analyze the financial stress exerted by [Fit-for-55](#), the green-transition EU plan.

- Machine Learning, SAS, Datalku, SQL, Python, Excel, Powerpoint

### February 2023 - January 2024

*MasterZ | Corso di Porta Romana 61, 20122 Milan, Italy*

### BLOCKCHAIN & DIGITAL ASSETS ACADEMY ATTENDEE

Winner of two scholarships, one for the 5th edition of the training course, and the another one for the Blockchain Project Lead specialization by AIO Blockchain Lab.

The following skills I learned, were put into practice in the development of a [final project work](#), evaluated among the Top 50 of the entire course, and in the top 3 selected by Ernst&Young :

- Blockchain Technologies, Smart Contracts Notarization, Digital Assets (CBDC / crypto)
- DeFi, DApps, Centralized and Decentralized Exchanges

### March 2023 - April 2023

*Blazar Group | Via Besso 27, 6900 Lugano, Switzerland*

### .NET FULL STACK ACADEMY ATTENDEE

Full-time training course ([with project work](#)) where I learned and implemented:

- C#, Azure, MSSQL for backend solutions
- HTML, CSS, Javascript, Typescript, Angular for frontend solutions
- GitHub and Trello for the entire project task management

### November 2017 - January 2022

*Da Vittorio srl | Brusaporto (BG), Italy*

#### 4th LEVEL CHEF

Job on call in occasion of important events where I was in charge of:

- Execution and Plating of Da Vittorio most famous dishes
- Cooking Line Preparation
- Public interaction