

# Marco Vinciguerra

DATA SCIENCE AND DATA ENGINEERING MASTER DEGREE STUDENT

Born in 01/06/2000, Treviglio, Italy

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## 🔧 Technical skills

**Proficient in:** Python, R, SQL, Java, Latex, Dart, Flutter, Firebase

**Familiar with:** C/C++, Flask, AWS, Javascript, React, HTML, CSS, DynamoDB, MongoDB, Docker

## 🏢 Experience

### University of Bergamo

ASSISTANT AND TUTOR PROFESSOR

Dalmine, Italy

October 2023 - February 2024

**Main work:** Teaching and tutoring for statistic course for computer science engineering

### Inxpect

INTERNSHIP - ML ENGINEER

Brescia, Italy

July 2023 - October 2023

**Main work:** ML algorithm for labeling images and create new neural networks from a pre-trained network. This company was named by Wired one of the top startup in Italy in 2022 (📄)

### Freelancer

DEMOLA LATVIA

Riga, Latvia

May 2023 - June 2023

Creation of a student portal with Ai Chatbot integration (📄)

### University of Bergamo

SCHOLARSHIP AND RESEARCH GRANT

Dalmine, Italy

October 2022 - June 2023

**Main topic:** Creation of an equidistant grid map starting from an heterogeneous map for the AgrimOnIA project(📄)

## 🎓 Education

### Riga Technical University

ERASMUS EXCHANGE STUDENT

Riga, Latvia

January 2023 - July 2023

### University of Bergamo

MASTER DEGREE IN DATA SCIENCE AND DATA ENGINEERING

Dalmine, Italy

October 2022 - July 2024

### University of Bergamo

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Dalmine, Italy

October 2019 - July 2022

Bachelor degree IT engineering. University of Bergamo (october 2019- july 2022, 2 years and 10 months). Grade: 103/110. I've been able to focus on my studies and graduate in a very short time, before my course colleagues. This dedication has awarded me a scholarship for scholastic merit. Thesis title: "Time-series forecasting and explainability with LSTM recurrent neural networks: Modeling air quality across Lombardy".

Repo link: 📄

Link of the nft degree: <https://bestr.it/award/show/rMZuxQc9RyK6WIHrEeAorQ>

## 🏆 Honors & Awards

### SCHOLARSHIP

2022 scholarship for scholastic merit, University of Bergamo

Dalmine, Italy

## 🌟 Extra certifications

**Coursera** Machine learning specialization by Deeplearning.ai (📄)

**Coursera** IBM data science specialization (📄)

**Coursera** Google data analytics specialization (📄)

**Coursera** Introduction to Tensorflow for artificial Intelligence, Machine Learning and Deep Learning (📄)

**Coursera** Databases and SQL for Data Science with Python (📄)


## Personal projects

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All my projects are available at the following Github account: <https://github.com/VinciGit00>.

### **AmazScrap**

FREE AMAZON SCRAPING TOOL

Open source streamlit web-app for scraping amazon webProduct for free using BeautifulSoup for scraping. The app is Online and it's available at the following link: 


### **MatrixParMultiplication**

PYTHON LIBRARY FOR PARALLEL COMPUTING WITH OPENCL

Python package for making matrix multiplication using parallel computing with OpenCL through blockwise inversion, faster than numpy

### **NBAStats**

WEB APP FOR VISUALIZE NBA PLAYERS PERSONAL STATS

Python open source web App created with streamlit library for visualize every personal informations of players currently playing in the NBA. The app is Online and it's available at the following link: 

## Interests

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- Sport** I love doing sport. My main activities are: running marathons, weight lifting, bicycle and basketball.
- Acting** I've been an extra in some movies.
- Books** One my favourite hobbies. Mainly I read books on lifestyle and personal growth

## Languages

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- English** Professional proficiency
- Italian** Native proficiency