Marco **Vinciguerra**

DATA SCIENCE AND DATA ENGINEERING MASTER DEGREE STUDENT

Born in 01/06/2000, Treviglio, Italy

(+39) 3927602999 | mvincig11@gmail.com | marco-vinciguerra-dev.onrender.com/ | VinciGit00 | marco-vinciguerra-7ba365242/

</> Technical skills

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

Familiar with: C/C++, Javascript, HTML, CSS

Tech stack: PyTorch, Tensorflow, Langchain, LLM, Flask, AWS, Terminal, VIM, React, DynamoDB, Firebase, Git, Github actions

Experience

University of Bergamo *Dalmine, Italy*
ASSISTANT AND TUTOR PROFESSOR *October 2023 - February 2024*
Main work: Teaching and tutoring for statistic course for building engineering

Inxpect S.P.A *Brescia, Italy*
INTERNSHIP - ML ENGINEER *July 2023 - October 2023*
Main work: Creation of a 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 *Riga, Latvia*
MAY 2023 - JUNE 2023 *Demola Latvia*
Main work: Creation of a student portal with AI Chatbot integration 🔗

University of Bergamo *Dalmine, Italy*
RESEARCH GRANT AND ASSISTANT RESEARCHER *October 2022 - June 2023*
Main topic: Creation of an equidistant grid map starting from a heterogeneous map for the AgrimOnIA project (🔗). This dataset has more than 2000 downloads on Zenodo.com

Education

Riga Technical University *Riga, Latvia*
ERASMUS EXCHANGE STUDENT *January 2023 - July 2023*
Main subjects: testing and software validation

University of Bergamo *Dalmine, Italy*
MASTER DEGREE IN DATA SCIENCE AND DATA ENGINEERING *August 2022 - now*
Main subjects: AI, machine learning, advanced programming

University of Bergamo *Dalmine, Italy*
B.S. IN COMPUTER SCIENCE AND ENGINEERING *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. 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: 🔗
Main subjects: mathematical analysis, linear algebra, object-oriented programming, technologies cloud and mobile, databases

Projects

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

Scrapegraph-ai
FREE SCRAPING LIBRARY BASED ON AI
Open source python scraping library based on LangChain and it can run local models with Ollama/Docker, Gemini apis or Openai apis. This tool allows to automatically scrape full webpages in seconds instead of many minutes and manually. This repo has more than 100 stars, more than 6000 downloads and 10 forks . Link of the documentation: 🔗. Link of the demo: 🎮

Studio YOLO

OPEN SOURCE JAVASCRIPT ORGANIZATION FOR IMAGE PROCESSING

This project has the goal to create open source libraries for elaborations of image. Stay tuned for more!

NBAStats

WEB APP FOR VISUALIZE NBA PLAYERS PERSONAL STATS

Python open source web App created with streamlit library for visualizing every personal informations of players currently playing in the NBA. Link of the demo:

Honors & Awards

SCHOLARSHIP

2023	**NOI Hackathon Techpark**, Winner of the hackathon	*Bolzano, Italy*
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 ()

Hobbies

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