

Antonio Viscusi

Curriculum Vitae

*I'm profoundly interested in the advancements of technology and science.
I have developed a Python script to analyze galaxy clusters data
implementing an open source MCMC algorithm.*

Contacts

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📠 lastscatteringsurface.substack.com

Languages

Native language **Italian**
Advanced **English**
Basic **Norwegian**

Tech Skills

Programming languages **Python** (pandas, numpy, matplotlib), Jupyter Notebook, **C/C++**, **SQL**
Softwares VS Code, GitHub, phpMyAdmin, MAMP, SQLite, LaTeX, Office suite, WordPress, Substack, Google Blogger

Certifications

[on Coursera](#)

2024 **Introduction to Structured Query Language (SQL)**, by University of Michigan
2024 **Specialization - Python for Everybody**, five courses by University of Michigan
2024 **Data Science Math Skills**, by Duke University
2023 **Big History - From the Big Bang until Today**, by University of Amsterdam
2023 **Big History: Connecting Knowledge**, by Macquarie University
2023 **Archaeoastronomy**, by Politecnico di Milano
2023 **Quantum Mechanics**, by University of Colorado Boulder
2021 **The Evolving Universe**, by Caltech
2020 **Astrobiology and the Search for Extraterrestrial Life**, by University of Edinburgh
[on HackerRank](#)
2024 **Python (Basic) Certificate**

Work Experiences

July 2024 **Teacher**, Associazione Lagrange - "The paradoxes of Quantum Mechanics", *Bardonecchia, Italy*
2019 - 2024 **Tutor in Maths and Physics**, freelance, *online and in person*
2019 **Traineeship at High School**, Liceo Scientifico G. Rummo, *Benevento*

Education

Sep 2021 - Apr 2024 **Master's Degree in Astrophysics**, Università di Torino
Sep 2017 - Mar 2021 **Bachelor's Degree in Physics**, Università degli Studi di Napoli - Federico II
2012 - 2017 **High school diploma - scientific studies**, Benevento

Academic experience

May 2024 Philosophy of Science Meets Quantitative Studies of Science, Torino
Apr 2024 CISF2024 - Conferenza Italiana degli Studenti di Fisica, Torino
Feb 2024 UniVersum V, Roma
2023 - 2024 Journal Club of Astrophysics, Astroparticle and Cosmology, Torino