

Niccolò Barbieri

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Born in Bologna(BO), Italy, 15/03/199

Address: Via Cesare Chiarini 15, Anzola dell'Emilia, BO, 40011.

EDUCATION

Master's degree in Physics, curriculum of Applied Physics for Complex Systems and Health, University of Bologna

Final mark: 110/110 cum Laude, 27/03/2024

Thesis (paper): "Integration of Artificial Intelligence and Network Approaches to Classify Data in Social Networks"

Topics and exams: complex networks, health physics, image processing, market microstructures and high frequency finance, models and numerical methods in physics, nuclear physics, physics in neuroscience and medicine, physics of complex systems, software and computing for applied physics, statistical data analysis for applied physics, statistical mechanics, stochastic models for finance.

Bachelor's degree in Physics, University of Bologna

Final mark: 110/110 cum Laude, 15/10/2021

High School diploma, Liceo Scientifico Niccolò Copernico, Bologna

Final mark: 100/100 cum Laude, 07/2018

SUMMER SCHOOLS

Officina di Narrazione di Scienza (ONSCI)

7/9/2023-13/9/2023 on topics of storytelling applied to science divulgation and teaching.

SKILLS

3 years' experience in Python (coding language). Libraries and topics: Pandas, Seaborn, Scikit-learn for machine learning, Deep Learning neural networks (Huggingface's Transformers). Networkx for complex networks.

Familiarity with R and Matlab (coding languages).

Familiarity with C++ (coding language) and Root(library) (2 years of practice) for bachelor degree studies
