

ANDREA LAZZARI

Master Student in Physics of Data

Strong work ethic, eagerness to learn and target-driven approach

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Milan, Italy

in Andrea Lazzari

Personal Portfolio

Projects Code Repository

EDUCATION

M.Sc. in Physics of Data

Università degli Studi di Padova

Sept 2021 – Present

Padova

GPA: 28.5/30

B.Sc. in Physics

Università degli Studi di Milano

Sept 2016 – April 2021

Milano

Final Grade: 97/110

Scientific High School Diploma

Liceo Scientifico - Scienze Applicate "A.Cesaris"

Sept 2011 – July 2016

Casalpusterlengo (LO)

Final Grade: 98/100

THESIS WORK

B.Sc. Final work: *Analisi del Perceptron e delle sua Espressività nella Classificazione di Dati Strutturati*

Theoretical Background, Simulation with Linear Programming

PUBLICATIONS

Estimation of the phase boundary of protein liquid-liquid phase separation using a log-normal model for the size distribution of protein droplets

T. Amico, M. Fuxreiter, A. Lazzari, A. Maritan, M. Vendruscolo
to be published

AWARDS

UPS James E. Casey Scholarship

Based on merit and social commitment - Years: 2016 - 2019

PROJECTS

Koln Traffic Regulator with Parallel Computing

Teamwork started from a project jointly developed by IBM and the German city of Koln thought to be a first step towards traffic regulation and an efficient exploitation of transport's resources
Developed with Python and Dask

Microbial Scaling Laws

Team project, where the goal was to combine methods from Statistical Physics and Bayesian Data Analysis to elucidate the principles behind cellular growth and division
Developed with Python

COMPETENCES

Technical Skills

Windows

Linux

MS Office

LaTeX

Shell Scripting

Spark

Dask

Docker

Jupyter Notebook

Python

R

C++

MySQL

Wolfram Mathematica

VHDL

LANGUAGES

Italian

Native Speaker

English

Proficiency Level

Spanish

Elementary Level

SOCIAL COMMITMENT



Caritas Volunteer

ImpaniAmoci project

INTERESTS



Coding

Data Analysis & Simulations



Technology

Computers & Smartphones



Sports

Formula1, Soccer and Basketball



Enthusiast

Cars, Cinema and Music



Word Citizen

Dreaming of what to visit next

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