



Valerio Gherardi

Valencia, España

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Theoretical Physicist from Italy, looking for Data Science / Engineering job opportunities.

Description

My educational background provides me with a scientific and analytical mindset, which I love applying to problems and challenges coming from different areas. I have a wide experience with Data and Data Analysis, partly as a result of my physicist career, partly due to my passion for Machine Learning and Statistical Software Development.

During my PhD in Trieste I have had the privilege to study in an international, multicultural and multidisciplinary environment. I love and get motivation from finding myself surrounded by people with heterogeneous backgrounds and life experiences.

I am a fast learner and motivate worker, looking for job opportunities in Data Science / Engineering, starting from the end of my doctoral studies in October 2021.

Education

PhD in Theoretical Particle Physics

INTERNATIONAL SCHOOL FOR ADVANCED STUDIES (SISSA)

- Expected: September 2021

Trieste, Italy

2017-now

Laurea Magistrale in Fisica

UNIVERSITÀ LA SAPIENZA

- Final Grade: 110/110 cum laude

Rome, Italy

2015-2017

Laurea Triennale in Fisica

UNIVERSITÀ LA SAPIENZA

- Final Grade: 110/110 cum laude

Rome, Italy

2012-15

Technical skills

General. Mathematical and statistical model building / Data Analysis / Scientific communication

Programming languages. R / C++ / Python / SQL / Wolfram / Fortran

Data Science and Machine Learning. Deep learning frameworks and APIs (TensorFlow, Keras, Trax) / Recurrent and Convolutional Neural Networks / Natural Language Processing / Classical Predictive Models

Algorithmic coding.

Classical Data Structures (queues, stacks, heaps, trees, hash maps) / String algorithms / Graph and network algorithms / NP problems and SAT solvers

Software Development. Unit and functional testing / Version control (Git) / CI-CD / R Package Development

Content creation. RStudio Shiny / (R) Markdown / LaTeX

Certifications

CANE CANE

Data Structures and Algorithms Specialization

UNIVERSITY OF CALIFORNIA SAN DIEGO

- Course description and certificate: <https://coursera.org/share/4fe6c2e914585cb813c93488d20d8f52>

Coursera.org

2021

Natural Language Processing Specialization

DEEPLARNING.AI

Coursera.org

2021

- Course description and certificate: <https://coursera.org/share/903e270df65d75737d6c884743509e84>

Deep Learning Specialization

DEEPLARNING.AI

Coursera.org

2020

- Course description and certificate: <https://coursera.org/share/1a79776ec145f7d140c93b95281f5250>

Data Science Specialization

JOHNS HOPKINS UNIVERSITY

Coursera.org

2020

- Course description and certificate: <https://coursera.org/share/3d64e7b0e1038f16fdb2103a71878e53>

Personal Projects _____

Awards _____

Publications _____