

ANDRÉ VIEIRA DA SILVA

Physicist | Ph.D. | Data Science & Machine Learning

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PROFESSIONAL PROFILE

Physicist (Ph.D.) with a strong background in computational physics, data analysis, and scientific modeling. Experienced in developing data-driven solutions using programming, statistical analysis, and machine learning. Solid expertise in handling complex datasets, numerical simulations, and translating theoretical models into computational implementations. Currently expanding skills in applied analytics and financial markets.

EDUCATION

Ph.D. in Physics

UNICAMP

August 2016 – August 2020

Doctoral Thesis: *Simulating heavy-ion collisions using a hybrid model based on QCD and hadronic rescattering*

M.Sc. in Physics

UNICAMP

August 2014 – December 2016

B.Sc. in Physics

UNICAMP

March 2008 – August 2013

ACADEMIC/SCIENTIFIC ACTIVITIES

International Workshop

QCD Challenges from pp to A-A Collisions

August 2019

Lund, Sweden

Poster Presentation

Studying the effect of the hadronic phase in nuclear collisions

August 2019

Lund, Sweden

Scientific Publication

Studies of heavy-ion collisions using PYTHIA Angantyr and UrQMD

March 2020

Doctoral Research

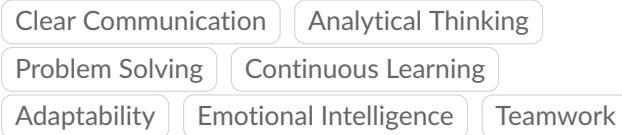
Hybrid models for relativistic heavy-ion collisions

August 2020

TECHNICAL SKILLS



SOFT SKILLS



COURSES/CERTIFICATIONS

Blockchain A-Z

Udemy

October 2021

Data Science & Machine Learning

Udemy

March 2022

Python Programming Masterclass

Udemy

August 2022

Python Hashtag Journey

2025

Data Science Bootcamp

Unimed-BH

126 hours

LANGUAGES

English



Portuguese

