

KUN ZHAN

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EU

SUMMARY

Physicist with a strong background in statistics and scientific programming. Proficient in applying modern machine learning tools and techniques to tackle data related challenges.

EDUCATION

Data Science Bootcamp

LeWagon Barcelona

04/2024 - 06/2024

- Machine learning, Data analytics, Software Development
- Final group project in natural language processing (group leader)

Master in Theoretical Physics (In progress)

Sapienza University of Rome

2018 - Present

- Specialization in Quantum field theory and Particle physics
- Advanced mathematical methods
- Computational physics in C++/Python

Bachelor Degree in Physics

Sapienza University of Rome

2014 - 2018

- Linear Algebra, Calculus, Statistics and probability
- Scientific Programming in C
- Quantum mechanics, Statistical mechanics, General Relativity

Summer school in geometry

Utrecht University

2018 - 2018

- Modern geometry with application in theoretical physics

EXPERIENCE

Big Data Developer apprenticeship

SopraSteria

2021 Rome

Software consulting

- Data migration, Microsoft Azure

Front and back office (part-time)

OstelloBello Roma

2022 - 2023 Rome

The Best reviewed hostel chain in Italy, present in 7+ cities

- Implemented a python script to automate cab reservation for customers

VOLUNTEERING

Founder of local committee

AISF Roma Sapienza

2018 - 2019

Italian physics students association

AWARDS



Sapienza University fee exemption:

Maintained an average grade > 28/30 during my bachelor studies.



Utrecht University summer school scholarship

Received total fee waiver for attending the summer school in Geometry.

SKILLS

Proficient in:

Python

C/C++

SQL

R

Pandas

Numpy

Scikit-learn

Tensorflow

Keras

PyTorch

Familiarity with:

Matlab

Docker

MLOps

HuggingFace

LangChain

Streamlit

HTLM/CSS

GCP

FastAPI

ADDITIONAL SKILLS

Git

Matplotlib/Seaborn/Plotly

Jupyter Notebook

Linux

MS Excel

LANGUAGES

Italian

Native

English

Proficient

Chinese

Native

Spanish

Conversational