Giovanni Pica

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Education

2021 -	🔖	**M.Sc. Computer Science**, Sapienza University of Rome.
2017 – 2021	🔖	**B.Sc. Computer Science**, Tor Vergata University of Rome.

Skills

Languages	🔖	Native Italian. Strong reading, writing, and speaking competencies for the English, level B2.
Coding	🔖	Python, Java, C, SQL, XML, LaTeX, Solidity, Assembly, Unix scripting.
Databases	🔖	MySQL.
Web Dev	🔖	Html, CSS, JavaScript, Apache Web Server, Git, Flask, Streamlit, Docker, AWS.
Libraries	🔖	Pandas, Pytorch, Scikit-Learn, Numpy, Scipy, Matplotlib, Plotly, Apache Spark, Mininet, Ryu.
Environments	🔖	Visual Studio Code, Jupyter, Eclipse, Pycharm, Ganache, Android Studio, Travis CI, Sonarcloud.
OS	🔖	Windows, Linux, MacOS.
Misc.	🔖	Academic research, LaTeX typesetting, Technical writing.

Past Works

Ro.Bo. 2023-2023	🔖	The goals of that Python project were the automatic rigging of a human body from a picture and animating it.
DBet 2022-2023	🔖	DBet is a decentralized application implemented in Solidity that allows users to perform sports bets on the blockchain.
AWS Project 2022-2022	🔖	Data Analytics application on AWS cloud platform that allows users to perform technical analysis on the valuation of time of different stock values and to integrate the data coming from other sources such as financial news and users' sentiment of these stocks on social networks.
Performance of SDN 2022-2022	🔖	This is the project of the Computer Network Performance course on Python, based on measuring the link utilization and latency on an SDN topology.
BDC Project 2022-2022	🔖	This is a project of the Big Data Computing course in Python based on two tasks, Regression of costs of ICT industries and clustering of one year's work by one person.
AN HW 2021-2022	🔖	Three homework for the Autonomous Networking course in Python based on performing Reinforcement Learning tasks on a network of drones.

Past Works (continued)

Cinefy 2020-2021   Cinefy is an application that allows users to create a cinema community implemented in Java. It provides the possibility to talk with cinema experts, look at and rate their playlists of movies, and also rate the quality of their answers.