Oscar **Pindaro**

DATA SCIENTIST & SOFTWARE DEVELOPER

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Experience

Intellico S.r.l
Milan, Italy

DATA SCIENTIST & SOFTWARE DEVELOPER   *November 2022 - present*

- Developer of the SaaS Matilde, an AI-powered tool based on GNNs and Explainable AI (XAI). The is being upgraded to perform data retrieval and reporting with the help of Large Language Models (LLM)
- Data Scientist in consultancy projects, involving Computer Vision, Convolutional Neural Networks (CNN), Large Language Models (LLM)
- Development of Rapid Prototyping solutions in the CAD field for the aluminum extrusion die manufacturing industry, based on Graph Neural Networks as Explainable AI technique, financed by H2020 (AI Regio Open call 2)
- Development of Rapid Prototyping solutions to predict the properties of recipe and chemical formulations

Education

Polytechnic University Of Milan
Milan, Italy

COMPUTER SCIENCE AND ENGINEERING - MASTER DEGREE AI AND MATHEMATICAL OPTIMIZATION - 110/110   *Sept 2019 - Apr 2022*

- Deep understanding of Information Technologies.
- Specialization in Artificial Intelligence & Machine Learning (Supervised, Unsupervised, Reinforcement Learning).
- Specialization in Mathematical Modeling, Optimization and Operations Research.
- Master Thesis on Reinforcement Learning applied to Smart Grid use case and Lithium-Ion batteries. The objective is to control the energy produced by a Photovoltaic Panel in tandem with an Accumulation System: "*Controlling Lithium-Ion Batteries Through Reinforcement Learning*".
- Research Prototype and Implementation on Optimal Randomized Classification Trees.

Polytechnic University of Milan
Milan, Italy

B.S. IN COMPUTER ENGINEERING - 108/110   *Oct 2016 - Sept 2019*

- Solid Engineering Bases.
- Solid preparation on Theoretical Computer Science and Computer Design
- Group implementation of *Adrenalina* board game by Cranio Creations. Tests the ability to create a large codebase with an Object Oriented programming language

Skills

Programming	C, Python, Java, SQL
Data Science Libraries	Numpy, PyTorch, Pandas, Matplotlib, Hugging Face Transformers, Scikit-Learn
OS	Windows, daily user of Fedora Linux
Software & Architecture	Experience with Saas Architctures, AWS, Git, Github, Docker, Jira, Overleaf, Microsoft Office
Languages	Italian (mother tongue), English (fluent, TOEIC certificate 960/990)
Softskills	Problem Solving, Public Speaking, Analytical, Sociable

Interests

Relaxing Activities	My biggest passion are videogames. I love complex card games .
Personal Projects	Videogame programming, Math and Computer Science Divulgation, FOSS enthusiast