MATTEO CONTERNO

Machine Learning engineer

I am Matteo Conterno, a machine learning engineer working on AI, Finance, Quantum Computing and sometimes GPU programming. Love problems that requires create, program and test new solutions,

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📍 Via Paolo Bentivoglio 1, Turin, Italy

Languages

- Native Italian
- English(B2)

Technical skills

- Python, Julia, C/C++, Java, Zig, Rust, SQL.
- Pytorch, Numpy, Pandas, Scikit, Maven, Docker. Git
- Windows, Linux
- CUDA with Python and Julia.
- Quantitative Finance
- CI/CD on Github and Gitlab.

Soft skills

- Team working
- Public Speaking
- Explaining technical concept

Working Experience

Machine Learning Enginner
NTTDATA
September 2022 - August 2024

Main responsibilties and projects made:

- Create AI models for Computer Vision, Robotics and Finance
- Create plugins for static analysis on code.
- Create Montecarlo methods for option pricing.
- Apply quantum techniques on Machine Learning models to improve performance.
- Numerical methods and parallelizzation to reduce time to solution of models.
- Setting up git repository with CI/CD to test project.

Academic background

Master In Finance
September 2024 - Now

Master Degree on Physics of Complex Systems
October 2019 - July 2022

<u>Prospects of quantum computing approach to reinforcement learning</u>

<u>Variational Quantum Soft Actor-Critic for Robotic Arm Control</u>

Bachelor Degree on Physics
September 2016 - October 2019

<u>Machine Learning to identify particles in the ALICE experiment at CERN</u>