



Marco Baratta

Machine Learning Engineer

Machine Learning Engineer with 1+ year's experience. Always in search for new things to learn.



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Sanremo, Italy



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github.com/mBaratta96

SKILLS

Python

JavaScript

PHP

Java

C

C++

Problem Solving

Diplomacy

Critical Thinking

LANGUAGES

English

Full Professional Proficiency

French

Professional Working Proficiency

INTERESTS

AI

Programming
Languages

Philosophy

Cinema

EDUCATION

Master Degree in Computer Science and Engineering

Politecnico di Milano

09/2018 - 12/2020

Milan, Italy

Thesis

Machine Learning-based Decision Support System for Rey-Osterrieth Complex Figure Test

<https://tinyurl.com/mbarthesis>

One-Semester International Exchange Program

National University of Singapore

01/2019 - 06/2019

Singapore, Singapore

Project

Deep Learning for Medical Image Classification

<https://tinyurl.com/2p9cn35u>

WORK EXPERIENCE

Junior Software Engineer

Veos Digital

02/2021 - Present

Milan, Italy

AI algorithms and pipelines distributed as a service.

Achievements/Tasks

- Implementation and testing of Generative Adversarial Networks for time-series anomaly detection.
- Implementation of Siamese Networks for industrial image classification, achieving 98% accuracy.
- Implementation and testing of Transformers architectures for NLP services.
- Implementation of DDPG and TD3 algorithms for algo trading (stock portfolio management).
- Development and testing of REST API services for the interaction with the aforementioned models.
- Extensive development and debugging of code written in Python, using libraries and frameworks such as PyTorch, NumPy, Pandas, Flask, Streamlit.
- Full-stack development of an admin panel for an e-commerce company, using Laravel, NuxtJS, VueJS, Docker.

Contact : Simone Geravini - <https://www.linkedin.com/in/simonegeravini/>

CERTIFICATES

FCE - Cambridge Assessment English

Grade A

PERSONAL PROJECTS

Film Reviews (10/2019 - 12/2019)

- Film reviews for the online magazine Nostalgia In VHS
- Coverage of the Torino Film Festival 2019
- <https://nostalgiainvhsitalia.wordpress.com/author/mbaratta96/>