MASSIMO PORETTI

Sustainable Management and Technology Expert in Data Analysis and ML

CONTACT

Nationality
Swiss

Phone
+41 79 665 47 82

Email
youmassi@gmail.com

Address
Mendrisio, Switzerland

LinkedIn
linkedin.com/in/poretti-massimo

GitHub
github.com/Mastro1

LANGUAGES

Italian: Native speaker
English: Fluent
French: Fluent
Russian: Intermediate

IT SKILLS

Expert Microsoft Office, Power BI, Python, R, SQL, Stata, Mathematica, Tableau, SAP ByDesign, WordPress, AWS S3 and Sagemaker, Canva, Adobe

PUBLICATIONS

Mesnage et al, Desert Greening, a Silver Bullet?, Climate Informatics, 2022.
The paper explores desert greening as a potential solution to climate change, analyzing its effects on carbon sequestration, albedo change, and cloud cover.

EXPERIENCE

DATA SCIENTIST - AGRO-INSURANCE
AXA Climate / Zurich - Paris / March 2023 – Nov 2023

- Led a project from inception that significantly improved data processing efficiency by creating a novel global database of crop yield data stored on AWS servers.
- Translated business needs into IT solutions, mining large datasets, and processing data.
- Utilized Google Earth satellite data to predict missing values using advanced ML models such as Gradient Boosting, Random Forests, and K-means.
- Conducted extensive feature engineering and collaborated with experts to explain causal inferences.
- Developed user-friendly dashboards via Streamlit to browse data and draw correlation maps for capacity spread.
- Applied an agile mindset throughout the project, continuously improving outcomes and delivering impactful results that were considered immediately by the company.

TEACHER ASSISTANT – OPERATIONS MANAGEMENT COURSE
HEC - UNIL / Lausanne / Feb 2021 – Jan 2023

- Assisted a class of 60 students by giving courses and guiding them through practical case studies.
- Supported semester projects by explaining qualitative and quantitative operations management concepts to individual students.
- Topics included supply chain management, layout management, MRP, Stock Management, Statistical Process Control

BIODIVERSITY CONSULTANT - INVESTMENT MANAGEMENT
Asteria Investment Managers / Geneva / Sep 2022 – Jan 2023

As an SMT student, I collaborated with Asteria Investment Managers in the context of the E4S Transformative Projects. My team developed a python tool to assess the biodiversity impact of Asteria's portfolios.

CO-FOUNDER AND IT MANAGER
LadyMustache / Lugano / Apr 2019 – Aug 2023

- Developed and managed an e-commerce website on multiple platforms.
- Automated warehouse storage and product shipping processes.
- Conducted market analysis and tracked advertisement performance with A/B testing.
- Organized events to attract customers and increase brand awareness.

EDUCATION

MSC IN SUSTAINABLE MANAGEMENT AND TECHNOLOGY (GPA: 5.5/6)
EPFL, IMD Business School, UNIL-HEC / Lausanne / Sep 2021 – Nov 2023

- Main topics: Sustainability, Data science and Machine Learning, Causal Inference, Team Management, Leadership, Strategy, Sustainable Finance, Energy Supply and Transition, Entrepreneurship, Sustainability Accounting.

BSC IN MANAGEMENT (GPA: 5.23/6)
UNIL-HEC / Lausanne / Sep 2018 – Jul 2021

- Main topics: Decision Analysis, Micro/Macro Economics, Advanced Accounting, Industrial Organization, Statistics and Econometrics, Programming (UML, SQL, Python), Business Intelligence and Analytics.