Maurizio Idini

Senior Data Engineer

CONTACT

@ maurizio.idini@gmail.com

📞 +41 76 652 8393

in maurizioidini

🌐 maurizioidini.github.io

KNOWLEDGE

Tech skills

Python, SQL, Java, C#, C++

Google Cloud Platform, Amazon Web Services

Spark, Databricks, Apache Airflow

CloudFormation, Terraform

Pandas, PySpark, Keras, PyTorch, Scikit

Pytest, PyDoc, Flask, Git, Docker, Jenkins

Tableau, Tibco Spotfire, PowerBI

Languages

Italian   Native speaker

English   C1

German   A2

EDUCATION

Università di Pisa, M.Sc. in Computer Science, 09/2014 - 10/2017, GPA 3.5

Specialization: Data & Machine Learning

Dissertation: *Denoising of depth maps using deep learning models*

Università di Siena, B.Sc. in Computer Science, 09/2009 - 12/2013 GPA 3.4

Specialization: Programming methodologies

Dissertation: *A new Methodology for Cross-Platform development of Mobile App*

INTERESTS

🧑‍🍳 🌐 🏃 🏊

REFERENCES WILL BE PROVIDED UPON REQUESTS.

EXPERIENCES

Lead Data Engineer

Spindox, Milan (IT), 09/2023 - Now

- Development of *ETL* pipelines in *AWS* and *Databricks* using *Python*, *Spark* and *SQL*
- DevOps IaC implementation using CloudFormation
- Development of *dashboard* for *business* using Tibco Spotfire
- Backlog management using *Agile* framework

Lead Data Engineer

Weroad, Milan (IT), 10/2021 - 08/2023

- Creation of the *Business Intelligence* infrastructure based on *Apache Airflow* and *Google BigQuery* and develop *Kpis* for the *business*.
- Development of the *Datalake* and *ETL*
- Development of *DataWarehouse* in Google BigQuery using *Kimball* model
- Creation of *Business Intelligence team* and backlog management using *Agile* framework

Senior Data & Machine Learning Engineer

Reply, Milan (IT), 10/2017 - 10/2021

- Creation of Business Proposals and Architectures for *ETL* and *DataWarehouse* structure in Google Cloud and AWS
- ETL development on Google Cloud and *AWS Databricks* (*Spark* in Scala)
- Development of *Rest API* in *Python*
- Development of *DeepLearning* model for financial market indicator
- Development of a *chatbot* in *Python/Node.Js* integrated into the Intesa SanPaolo software to support traders
- Collaboration with Polytechnic of Milan to realize the *Portfolio Hedging*

Co-Author & Maintainer

Meshlab.js, CNR Pisa, 2015 - Now

WebGL mesh processing system for cleaning, editing and rendering 3D triangular meshes. 226 stars, 51 forks.