

Maurizio Idini

Senior Data Engineer



CONTACT

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in maurizioidini

KNOWLEDGE

Tech skills

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

Google Cloud Platform, Amazon Web Services

Spark, Databricks, Apache Airflow

CloudFormation

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



I authorize the processing of personal data in accordance with EU Regulation 2016/679 and the Swiss Federal Law on the Protection of Personal Data.

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.