Giorgio Caizzi

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in : giorgio-caizzi : giocaizzi

EXPERIENCE

Environmental Engineer
Feb. 2021

AECOM URS Italia S.p.A.
Milan, Italy

Technical consultancy on remediation procedures in industrial sites across Italy, in compliance with D.Lgs.152/06.

- Developing custom solutions for effective collection, processing, analysis and restitution of environmental data.
- Project management: budgeting, planning, billing and reporting. Meetings with clients.
- Design and implementation of investigation and remediation activities for contaminated water and soil matrices.
- Field supervision of technical activities carried out by subcontractors.
- Relations with national authorities and local authorities (ARPA, Ministry of Environment, Municipalities).

External Collaborator
Mar. 2020 – Dec. 2020

Wiseair S.r.l.
Milan, Italy & Lisbon, Portugal

Development of a GIS-based framework for spatial interpolation of PM2.5 concentration data, using real-time data from a dense network of measuring stations and taking into account the contribution of urban morphology in the dispersion of pollutants.

- Automated processing of real-time pollutant concentration data, using python and GIS tools.
- Development of a tool to assess compliance with air quality international health guidelines.

Event specialist - "Citycrusher" Team
Sep. 2017 – Sep. 2020

Red Bull S.r.l.
Milan, Italy

Managing brand-activation of *Red Bull Citycrusher* event-car in selected sport events in Italy.

Hero Team Promoter
May. 2014 – Sep. 2019

GoPro EMEA GmbH
Munich, Germany

Promotion of cameras and brand-activation in selected events in Europe.

EDUCATION

BSc & MSc in Environmental and Land Planning Engineering
Milan, Italy

Politecnico di Milano
Sep. 2014 – Dec. 2020

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LICENSES

Italian National Assotiation of Engineers: 2021

TECHNICAL SKILLS

Programming: Python, JavaScript & shell
Web frameworks: Flask, Django & Express
Database: SQL, PostGIS & noSQL (MongoDB)
Cloud: AWS, GCP & Azure
Development: git, testing, docs & CI/CD pipelines
API: HTTP, REST & GraphQL

Data Science: pandas, numpy, scikit-learn, tensorflow, matplotlib, seaborn, plotly, geopandas, rasterio
GIS & CAD: ArcGIS & QGis, AutoCAD, Civil3D
Business Intelligence: Power BI (M & DAX)
Writing: LaTeX , Markdown & reStructuredText
Web: HTML & CSS

PERSONAL SKILLS

Languages: Fluency in Italian (mothertongue) and English. French at professional level.

Interests: skiing, surfing, road-cycling and outdoors. Cartography, infographics and mapping. Tech and AI.

References and letters of recommendation available on request.