



Giorgio Caizzi

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EXPERIENCE

- Environmental Engineer** Feb.2021
AECOM URS Italy S.p.a. Milan, Italy
Technical consultancy on remediation procedures in contaminated industrial sites across Italy in compliance with "D.Lgs.152/06", the Italian law on environmental protection.
- Design and implementation of remediation technologies in contaminated sites.
 - Spatial data collection, cleaning, analysis and elaboration.
 - Developing custom solutions for effective restitution of environmental spatial data.
 - Relations with national competent authorities.
- External Collaborator** Mar. 2020 – Dec. 2020
Wiseair S.r.l. Milan, Italy
Development of a GIS-based framework for spatial interpolation of PM2.5 concentration data from a dense network of measuring stations, taking into account the physical modifications on pollutant diffusion due to the urban morphology.
- Automated Python processing of geographical database features.
 - Development of tool to assess compliance with air quality international health guidelines in Milan, Italy.
- 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 Munich, Germany
Promotion of cameras and brand-activation in selected events in Europe.

EDUCATION

- MSc in Environmental and Land Planning Engineering** Milan, Italy
Politecnico di Milano Sep. 2018 – Dec. 2020
Data structures, analysis & ML for environment - Advanced Statistics - Advanced GIS - Remote Sensing - Photogrammetry - Sustainability & LCA assessment - Climate change mitigation
Thesis: "Spatial interpolation methods for producing high-resolution PM2.5 concentration maps in Milan, Italy"
- BSc in Environmental and Land Planning Engineering** Milan, Italy
Politecnico di Milano Sep. 2014 – Mar. 2018
Statistics - Chemistry - Geology - Hydrology & Hydraulics - Soil & groundwater remediation - Geotechnology - Energy engineering - GIS
Thesis: "Estimation of the environmental and economical impact of Case dell'Acqua, a free drinking-water distribution project in Milan by MM S.p.a."
- The British School of Brussels** Brussels, Belgium
International Baccalaureate (IB Diploma) Sep. 2012 – May. 2014

TECHNICAL SKILLS

GIS & CAD: ArcGIS & QGIS, AutoCAD, Civil3D **Advanced Microsoft Office:** PowerQuery & PowerBI
Cloud & Automation: Amazon Web Services (AWS), Google Cloud Platform (GCP) & GitHub actions
Software Development: git, Unit testing & Integration testing, Documentation, CI & CD
Programming: python, shell scripting, SQL & PostGIS
Writing: \LaTeX , Markdown & reStructuredText **Web:** HTML & CSS

PERSONAL SKILLS

Languages: Fluency in Italian (mother tongue) and English. French at intermediate level.
Personal interests: skiing, surfing, road-cycling and outdoors. Photography.

LICENSES

Italian National Association of Engineers (2021)

References and letters of recommendation available on request.