

# Giorgio Caizzi

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## EDUCATION

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### Politecnico di Milano

Milan, Italy

*MsC in Environmental and Land Planning Engineering*

*Sep. 2018 – expected Dec. 2020*

Thesis: “Spatial interpolation methods for producing high-resolution PM2.5 concentration maps in Milan, Italy”

### Politecnico di Milano

Milan, Italy

*Bachelor in Environmental and Land Planning Engineering*

*Sep. 2014 – Mar. 2018*

Thesis: “Estimation of the environmental and economical impact of Case dell’Acqua, a purified and 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*

## EXPERIENCE

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### 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.

- Independent and remote collaboration.
- Automated Python processing of geographical database features.
- Development of a Python tool to produce high-resolution PM2.5 concentration maps to assess compliance with health guidelines in Milan, Italy.

### “Citycrusher” Team

Sep. 2017 – Sep. 2020

*Red Bull S.r.l.*

*Milan, Italy*

Managing independantly the brand-activation of *Red Bull Citycrusher* event-car - a custom 4x4 car equipped with DJ booth and speakers - in selected sport events in Italy.

Worked at: Red Bull Art of Motion, Red Bull Neymar Jr’s Five, Red Bull Skateweek, Red Bull Dance your style, FIS WorldCup SeiserAlm, FIS EuropaCup Mottolino, UCI Finale Ligure, RockInMountains, Milano Climbing Expo, Oakley Carpi Criterium & more

- From working in the realization of official Red Bull events to supporting independent events all around Italy.

### “Hero Team” Promoter

May. 2014 – Sep. 2019

*GoPro EMEA*

*Munich, Germany*

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

Worked at: MotoGP Misano & Mugello, Tour de France, FIS World Cup Finals Meribel, FISE Montpellier, MXGP Maggiora & Arco di Trento, MXON Ernée, UCI Lourdes, EICMA Milano, Red Bull Crashed-Ice Marseille, Red Bull Soap-Box Paris & more

- Public execution of “Daily Giveaway” in Italian, English and French to award the winners of activation games.
- Daily management of booth on event-site: set-up, management and dismatle.
- When working with event-cars, the activations are multi-days tasks without close supervision.

## SKILLS

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

**Softwares:** git, QGIS & ArcGIS, PostgreSQL PostGIS, Adobe Creative Suite , Microsoft Office

**Programming:** python, shell scripting (bash & zsh), MATLAB, L<sup>A</sup>T<sub>E</sub>X

**Python libraries:** pandas, numpy, scipy, matplotlib, statsmodels, geopandas, GDAL, shapely, rasterio

**Personal interests:** skiing, surfing, road-cycling and outdoors. Photography.

**References and letters of recommendation available on request.**