





Bosso Francesco

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Francesco Bosso 



I code, work with various data, love to learn and improve my work every day (always in team!).

SKILLS

Python Machine Learning
Artificial Intelligence GIT
Javascript QGIS SQL Geoserver
Linux Windows MacOS

Earth Observation
Geospatial Data Management
Computer Science

RELEVANT COURSES

Machine learning Uncertainty in AI
Soft Computing Earth Observation
Positioning and GNSS Data Bases
Geospatial Data Analysis
Geographic Information systems
Computing infrastructures
Software engineering

RELEVANT ACTIVITIES

Experience in WebGIS development exploiting Python frameworks (Flask) and javascript frameworks (Nuxt.js / Vue.js). Knowledge of Javascript libraries for map implementation (e.g OpenLayers)

LANGUAGES

Italian 
English 
Spanish 

EXPERIENCE

Geospatial Engineer

Italian Ministry for the Environment (MiTE)

Dec 2021 – Ongoing  Rome, IT 

Contribution in the development of the Italian Integrated Geospatial Information Framework (IGIF) according to the guidelines provided by the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM):

- Geospatial Information Systems analysis and governmental level relationship management.
- Conveyance of the IGIF concept to governmental Agencies.
- Proof of concept on IGIF's development approach to the head of the technical secretary of the Ministry
- Prototyping of Web Gis complex solutions.

Researcher – Experimental thesis

UNESCO IHE Delft

Feb 2022 – Ongoing  Delft, NL 

Member of the research team of IHE Delft involved in the CLimate INTelligence (CLINT) project of the European Commission. The project aims at developing an Artificial Intelligence framework for climatic big-data processing able to perform detection, causation, and attribution of extreme events. My personal contribution is related to the exploitation of Artificial Neural Networks for feature selection and extreme drought events prediction.

Support team member

International Telecommunication Union – AI for good

Apr 2021  Milan, IT 

Member of the AI for good global summit support team in the workshop on Satellite Data Analysis and Machine Learning Classification

EDUCATION

Geoinformatics Engineering – M.Sc. [ENG] (GPA 3.8/4)

Politecnico di Milano

Sep 2020 – Ongoing  Milan, IT 