

Bosso Francesco

Ispira, IT

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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 SQL

Javascript SLURM TensorFlow

Linux Windows MacOS

Earth Observation Computer Science

Geospatial Data Management

SAR Multispectral Imaging

RELEVANT COURSES

Remote Sensing

Computing Infrastructures

Geographic Information Systems

Machine learning Uncertainty in AI

Soft Computing Earth Observation

Positioning and GNSS Data Bases

Geospatial Data Analysis

SPEAKER AT

- National Council for Territorial and Environmental Information ([CNITA](#))
- HISTI seminar at [UNESCO-IHE Delft](#)

MAPFLAP

Have a look at my website! Here you can find more about myself



LANGUAGES

Italian Mother tongue

English C1

EXPERIENCE

Scientific Trainee – Unit JRC E.2

European Commission

Apr 2023 – Ongoing

Ispira, IT

Working in Unit JRC E.2: **Technologies for Space, Security and Connectivity**. Exploitation of **Artificial Intelligence** methods in the context of the **European Network for Critical Entities Resilience** (ENCER) project and in the face of **Hybrid Threats**

GeoAI Data Research Intern

UNESCO IHE Delft

Sep 2022 – Apr 2023

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, and attribution of extreme events.

My contribution is related to the exploitation of statistical methods for feature selection and Machine Learning algorithms (e.g. ELM, NN, and CNN) for extreme drought events prediction.

This research is going to be published in a few months and has been presented by me at EGU General Assembly 2023. [Click here to see the abstract.](#)

Geospatial Data Engineer

Italian Ministry for the Environment ([MiTE](#))

Mar 2022 – Sep 2022

Rome, IT

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
- 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 Minister (Dr. Tomellini Renzo)

Letter of recommendation ([click here](#))

EDUCATION

Geoinformatics Engineering – M.Sc. [ENG]

Politecnico di Milano – Grade: 110 cum laude

2020 – 2022

Milan, IT

Letter of recommendation ([click here](#))