



We're looking for our future **Senior Python Developer!**

About WeatherForce...

According to UN figures, **70% of today's world economy is weather-sensitive**. However, access to reliable weather information remains very complicated today despite the latest technological advances.

- In 2 countries out of 3, this access is limited. The National Meteorological Services, not always having the necessary means at their disposal, are therefore unable to provide quality information to their users.
- Paradoxically, in some countries, economic actors have free access to a large amount of data but are not able to synthesize it to make the right decisions.

It is at the crossroads of these two observations that lies the core mission of **WeatherForce** – **deliver Weather Intelligence easy-to-use and actionable all around the world**.

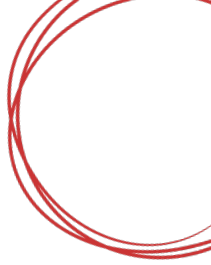
Through its **collaborative technical platform**, WeatherForce sheds the light on existing data by turning it into **contextualized indicators** for better decision making.

Why do we need your help?

Within our Technical & Data Science team, your objective will be to participate in the **construction of key modules of the WeatherForce platform**, related to **massive data processing**. You will be in charge of :

1. Create and improve approaches to process data efficiently
2. Participate in the construction of the data processing platform and its operational deployment
3. Establish and promote best practices for data processing in close collaboration with our data scientists,
4. Participate in the promotion of current programming best practices.

Within the framework of our projects, you may also be required to carry out occasional missions abroad to train users in the solution and verify its proper functioning "in the field".



Your knowledge...

With a **scientific and/or computer science background**, you have **significant experience as a Python Developer**, and in **geospatial data processing**.

With good system knowledge (**Linux, Docker, File system, Cloud Storage**), Web (**HTTP protocol, RESTful API**), and scientific Python ecosystem (**NumPy, Pandas, Xarray, Dask**) you enjoy working with modern development methods (tests, CI/CD, code reviews) and master GIT.

You produce clear and structured code, and you know how to teach!

You also have a **strong interest in climate-related issues and its challenges**, as well as a first level understanding of the challenges and contexts of making these new intelligent services available.

You have **solid experience in the Python programming language** and in the use of libraries such as pandas, numpy, xarray or Dask for **applications requiring scientific programming**.

At ease with the **GNU/Linux/GitLab** environment and open source, you have an interest in data processing performance, and documentation tracking of work done, and you have the ability to resonate in **Agile mode**.

You also have skills in the use of a **Jupyter/notebook distributed computing environment on the cloud**.

You have a **fluent level of English, both written and spoken**. Spanish would be a plus.

Your soft skills...

You have **good interpersonal skills, enjoy working in a team** and are able to coordinate your actions and **share information** with other team members. **You have initiative and the ability to synthesize, a sense of organization, and know how to work independently**. You are rigorous and **respect deadlines** in order to deliver an operational solution corresponding to the needs of the end users.

The position is available immediately, based in **Toulouse** (downtown Esquirol district).

Remote work up to **2 days per week** is possible.

Want to join the team?

Send us your CV and explain your motivation to the following address: jobs@weatherforce.org, specifying "SENIOR PYTHON" in the subject line.

