Data Engineer

Do you enjoy processing and analysing large climate datasets? Would you like to contribute to developing solutions to tackle climate change?

Inside Climate Service srl (ICS, https://www.inclimateservice.com) is seeking a **Data Engineer** with up to 5-15 year experience to assist with our fast-growing climate and sector-specific (energy, water, etc.) data processing and delivery. The work will support various projects ICS is involved in (e.g. the Copernicus Climate Change Service for the Energy sector) and including the development of TEAL, an online visualisation tool for climate and other data (https://tealtool.earth) together with its underlying database and operational system.

Responsibilities

- Retrieve, process and quality control large datasets
- Perform advanced statistical analyses, including using ML/AI approaches
- Produce derived datasets to be displayed by the TEAL tool
- Assist with report writing and proposal preparation
- Collaborating with other team members and stakeholders, including providing user support

Skills (Selection criteria)

1. Proficient with Unix/Linux environments and scripting languages (e.g. bash, Python, R, CDO, etc.) with preference for Python
2. Strong familiarity with statistical analyses
3. Familiarity with ML/AI approaches
4. Experience of using code versioning tools, such as Git
5. Experience with relational databases
6. [Desirable] Experience with Unix/Linux system administration

The **Data Engineer** is offered as a **full-time** position, initially as a **one-year contract**, which can be renewed upon satisfactory performance. The place of work is Padova (Italy); however, teleworking can also be considered, with strong preference for Italy as the place of residence. The successful applicant will be offered a salary dependent on qualifications, experience and track record. This position offers a varied and interesting workload, in a highly stimulating environment.

ICS srl is an ambitious start up, spin-off of the University of Padova (https://www.unipd.it) and the World Energy & Meteorology Council (WEMC, https://www.wemcouncil.org). The innovative nature of Inside Climate Service stems from a blend of Academia and operational developments.

To succeed, you will have a strong interest in the technical implementation of climate data solutions together with a keen and proactive problem-solving attitude. You will also need to be a strong team-player, supporting, and working closely with, our team data engineers, software developers and external collaborators.

Additional information about ICS is available at: https://www.inclimateservice.com

For further information about this role and/or to apply to it, please email alberto.troccoli – at - inclimateservice.com. **Only complete applications (CV and cover letter, explaining how you meet the selection criteria) submitted via email will be considered.** The search will continue until the position is filled. Multiple positions may be covered.