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 2+ 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 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 statistical analyses
- Produce derived datasets to be displayed by the TEAL tool
- Assist with the maintenance and update of operational climate service systems
- 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.)
2. Strong familiarity with ML/AI approaches
3. Familiarity with statistical analyses
4. Experience of using code versioning tools, such as Git
5. Experience with relational databases
6. [Desirable] Experience with Unix/Linus 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. A work permit to work in the EU would be preferred. 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. The position is available now and the search will continue until the position is filled.

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. Applications should include **your CV and a cover letter clearly explaining how you meet the selection criteria**. Applications will be screened as they come in and applicants will be notified as soon as possible thereafter.