

Ontology Developer

Vacancy - Terms of reference

Job description

JOB TITLE: Ontology developer

PURPOSE: Ontology developer is a specialist who develops upper and domain ontologies. S/he assesses the needs of the scientific community for structuring the ontologies. S/he is responsible for a wide variety of activities related to represent semantically the knowledge.

LOCATION: LifeWatch ERIC Service Centre premises in Lecce (Italy)

POSITION: Full-time, 12 months with the possibility of renewal on a yearly basis for a maximum of 48 months in total

Main accountabilities

- I. S/he will work under the supervision of, and directly report to the Service Centre ICT Coordinator for the activities of LifeWatch ERIC supporting the implementation of the domain-specific ontologies;
- II. S/he will collaborate with the LifeWatch ERIC scientific community for structuring and representing domain-specific knowledge semantically;
- III. S/he will support the EcoPortal team members with the management and the alignment of ontologies;
- IV. S/he will work on the implementation of semantically enriched data management solutions for data capture, annotation, integration, indexing, and search;

The ideal candidate should meet the following requirements

- Have a higher university degree or equivalent qualifications in Computer Science;
- At least 3 years of accredited professional experience in the in the following topics:

1. Theory of formal languages and formal ontologies (e.g. OWL);
 2. Modeling of domain ontologies, in particular for scientific disciplines;
 3. Semantic web technologies (RDF, SPARQL);
- Fluency in written and spoken English;
 - Proven organisation and communicative skills, keen in working in team and under tight deadlines, and international environment and multi-language contexts;
 - Be available to travel abroad according to the specific working needs of this position.

The vacancy is subject to the following procedure

- A short covering letter and Curriculum Vitae* (EUROPASS format, 4 pages at the most) shall be written in English and addressed to the LifeWatch ERIC Service Centre ICT Coordinator using this form <https://zfrmz.eu/EAzBNLR9ABdGUncqgiel> by **25nd January 2021**.
- Only shortlisted candidates will be re-contacted by **1st February 2021**.
- Candidates may be called for an interview with the LifeWatch ERIC Service Centre ICT Coordinator and Interim Service Centre Director and asked to undertake appropriate tests. Interviews will take place from **15-19 February 2021**.
- S/he will be appointed for a 12-month period. A competitive gross salary, 33.000€ – 38.000€ based on the qualifications and experience of the candidate, will be offered. Employment will be in Italy and will follow Italian employment law.
- This position is full-time. The office will be located at the Service Centre premises in Lecce, subject to the establishment of other locations in the future.
- Start date in the office for the appointed Ontology Developer will be: **1st March 2021**.

** Special note for Italian market: According to Italian Privacy Protection Law n. 196/03 any resume not mentioning explicitly the following wording: 'I authorise the use of my personal data in accordance with Italian Privacy Protection Law (30/06/2003, n. 196/03)' will be automatically deleted from our database and consequently not taken into consideration.*