588_23_LS_INB_RE1

Job Reference

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Position

Research Engineer (RE1)

Data de tancament

Diumenge, 31 Desembre, 2023
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Job title: Research Engineer (RE1)

About BSC

The Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS) is the leading supercomputing center in Spain. It houses MareNostrum, one of the most powerful supercomputers in Europe, was a founding and hosting member of the former European HPC infrastructure PRACE (Partnership for Advanced Computing in Europe), and is now hosting entity for EuroHPC JU, the Joint Undertaking that leads large-scale investments and HPC provision in Europe. The mission of BSC is to research, develop and manage information technologies in order to facilitate scientific progress. BSC combines HPC service provision and R&D into both computer and computational science (life, earth and engineering sciences) under one roof, and currently has over 900 staff from 55 countries.

Look at the BSC experience:
BSC-CNS YouTube Channel
Let's stay connected with BSC Folks!

We are particularly interested for this role in the strengths and lived experiences of women and underrepresented groups to help us avoid perpetuating biases and oversights in science and IT research.

Context And Mission

The Spanish National Bioinformatics Institute (INB) is the major bioinformatics platform in Spain, and the Spanish representative in the European bioinformatics infrastructure ELIXIR. INB is fully oriented to complete a solid integration with International Bioinformatics infrastructures, including the ELIXIR consortium specifically.
Key Duties

- Offer operational support to tasks associated with the federation of EGA
- Develop, document and maintain software for the integration and biological data, following the guidelines of ELIXIR.
- Participate in communications with ELIXIR platforms, communities, and management and in regular meetings and discussions.
- Work with other developers at INB/ELIXIR-ES and other ELIXIR nodes to ensure the appropriate implementation of previously agreed standards and methodologies.
- Participate in internal group meetings and other scientific discussions.

Requirements

- Education
  - Software Engineer Degree or equivalent Bioinformatics related degrees.

- Essential Knowledge and Professional Experience
  - Knowledge of systems administration.
  - Knowledge of scripting languages.
  - Some experience with data visualization and/or web development.
  - Experience working with Unix/Linux systems.
  - Experience in data management.

- Additional Knowledge and Professional Experience
  - Experience in the development, generation and use of software containers, e.g. Docker, Singularity and/or rkt, as well as their orchestration using docker-compose, Kubernetes, ansible and/or similar technologies.
  - Experience on workflow managers such as Galaxy, Nextflow or similar.
  - Experience on developing project technical specifications.

- Competences
  - Ability to understand scientific literature, and software documentation
  - Good communication and presentation skills.
  - Strong technical writing skills.
  - Ability to work both independently and within a team.
  - Used to work under pressure under strict deadlines
**Conditions**

- The position will be located at BSC within the Life Sciences Department
- We offer a full-time contract (37.5h/week), a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible working hours, extensive training plan, restaurant tickets, private health insurance, support to the relocation procedures
- Duration: Open-ended contract due to technical and scientific activities linked to the project and budget duration
- Holidays: 23 paid vacation days plus 24th and 31st of December per our collective agreement
- Salary: we offer a competitive salary commensurate with the qualifications and experience of the candidate and according to the cost of living in Barcelona
- Starting date: 01/01/2024

**Applications procedure and process**

All applications must be made through BSC website and contain:

- A full CV in English including contact details
- A Cover Letter with a statement of interest in English, including two contacts for further references - Applications without this document will not be considered

In accordance with the OTM-R principles, a gender-balanced recruitment panel is formed for every vacancy at the beginning of the process. After reviewing the content of the applications, the panel will start the interviews, with at least one technical and one administrative interview. A profile questionnaire as well as a technical exercise may be required during the process.

The panel will make a final decision and all candidates who had contacts with them will receive a feedback with details on the acceptance or rejection of their profile.

At BSC we are seeking continuous improvement in our recruitment processes, for any suggestions or feedback/complaints about our Recruitment Processes, please contact recruitment [at] bsc [dot] es.

For more information follow [this link](#)

**Deadline**

The vacancy will remain open until a suitable candidate has been hired. Applications will be regularly reviewed and potential candidates will be contacted.

**OTM-R principles for selection processes**

BSC-CNS is committed to the principles of the Code of Conduct for the Recruitment of Researchers of the European Commission and the Open, Transparent and Merit-based Recruitment principles (OTM-R). This is applied for any potential candidate in all our processes, for example by creating gender-balanced recruitment panels and recognizing career breaks etc.

BSC-CNS is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law.

For more information follow [this link](#)