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, and is a hosting member of the PRACE European distributed supercomputing infrastructure. 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 500 staff from 44 countries.

Key Duties
1. Optimization and porting scientific application to multiple supercomputing platforms.
2. Help the user in their issues with the use of the different compute resources available for them.
3. Collaborate with other functional groups within the center on technical matters related to supporting scientific application work.
4. Understand the workflows from the different groups and help the researchers to use the computing and storage resources in an efficient way.

Requirements

- **Education**
  - Bachelor in Computer Science, Bioinformatics, Telecommunications, Physics or related discipline.

- **Essential Knowledge and Professional Experience**
  - 1 year of experience in installing, compiling and porting applications on UNIX-based systems.
  - Experience with the installation of python and R packages.
  - Experience in using and working in a Linux environment.
  - Good knowledge of bash scripting and python.

- **Additional Knowledge and Professional Experience**
  - Previous expertise in using HPC machines.
  - Knowledge on bio-informatics packages related with genomic analysis.

- **Competences**
  - Excellent interpersonal skills to be able to work within a team or independently to complete tasks on schedule.
  - Analytical problem solving ability.
  - Service Attitude.

Conditions

- The position will be located at BSC within the Operations Department.
- We offer a full-time contract, a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible hours, extensive training plan, tickets restaurant, private health insurance, fully support to the relocation procedures.
- 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: as soon as possible.

Applications Procedure

All applications must include:

- A motivation letter with a statement of interest, including two contacts for further references - **COMPULSORY** - Applications without this document will not be considered.
- A full CV including contact details.

Deadline

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

**Diversity and Equal Opportunity Employment**

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.

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