32_OP_SysAdmin

Job Reference

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Position

System administrator Unix/Linux and cloud platforms

Data de tancament

Diumenge, 31 Març, 2019
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Job title: System administrator Unix/Linux and cloud platforms

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, 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.

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

Context And Mission

We are looking for candidates with a technical background who will become part of the Operations Department of the Centre.

Key Duties

- Installation, maintenance, update and resolution of issues related to IT services of the centre (mail, web, databases, servers, etc.)
- Request and administration of hardware issues of the several supercomputer clusters of BSC, such as MareNostrum
- Configuration and administration of the different storage subsystems and backup system
- Configuration and administration of the batch scheduling system of the BSC HPC resources
- Apart from system administration tasks inside BSC, this position will give support to technical tasks related to the new Natural Language platform to be installed at BSC. Technical participation in European projects related to Natural Language platforms, such as OpenMinted.

Requirements

- Education
  - Minimum university qualification: diploma or ordinary degree, preferably in IT

- Essential Knowledge and Professional Experience
  - Knowledge and experience in system administration of UNIX/Linux platforms (2 years minimum)
  - Excellent spoken and written English

- Additional Knowledge and Professional Experience
  - Experience in administration of HPC clusters will be valued
  - Experience in working on European projects or infrastructures will be valued
  - Experience in cloud administration and other tools like containers, kubernetes, messos, will be valued

- Competences
  - Availability to travel and assist project events/workshops
  - Initiative, responsibility and good organization skills

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
- Duration: Temporary - 2 years renewable
- 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: asap
Applications Procedure

All applications must include:

- A motivation letter with a statement of interest, including two contacts for further references - 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 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.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación