86_OP_Sysadmin

Job Reference

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Position

System Administrator/Operator

Data de tancament

Diumenge, 16 Febrer, 2020
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Job title: System Administrator/Operator

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 650 staff from 49 countries.

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

Context And Mission

We are looking for students with technical expertise for our System Operations team within the Operations Department.

We offer paid internship contract (up to 20 hours / week) with flexible working hours respecting course hours of each candidate.

Key Duties
• First level support of incidents (tickets) in the system administration group- reception, filter and resolution
• Management of user accounts in the supercomputers of the BSC-CNS (accounts creation, etc.)
• Opening and monitoring of the MareNostrum hardware incidents and the rest of the BSC-CNS supercomputers
• Control and first level support of the center's backup system
• Support to the hardware tasks of the various data centers of the BSC-CNS (labels, cables, etc.)
• First-level support for the virtual machines of the various clouds hosted by the BSC-CNS
• Inventory management of the various network components and BSC-CNS’ systems
• Monitoring of the center networks
• Defined procedures implementation and improvement for the operations team

Requirements

• Education
  ○ University student: Diploma or technical degree, preferably in Computer Science

• Essential Knowledge and Professional Experience
  ○ Linux and/or Linux platform network administration
  ○ Good communication skills and competent to deal with users
  ○ Proactive, responsible and organized

• Additional Knowledge and Professional Experience
  ○ Basic supercomputing knowledge and high level of English will be positively valued

• Competences
  ○ Upper intermediate level of written English

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 working hours, extensive training plan, tickets restaurant, private health insurance, fully support to the relocation procedures
• Duration: Temporary - Limited duration 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 Cover Letter with a statement of interest in English, including two contacts for further references - Applications without this document will not be considered
- A full CV in English 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. This position is reserved for candidates who meet the requirements and have the legal status of disabled persons with a degree of disability equal to or greater than 33%. In case there are no applicants with disabilities that meet the requirements, the rest of the candidates without declared disability will be evaluated.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación