394_22_OP_SA_R0

Job Reference
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Position
System Administrator/Operator - Undergraduate Student (R0)

Data de tancament
Dimecres, 30 Novembre, 2022
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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 770 staff from 55 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
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 part-time fellowship, a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible working hours, extensive training plan, fully support to the relocation procedures
- Duration: until September 2023 - Subjected to the Internship 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: November 2022
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 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

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

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