Job Reference

50_CS_PT_RRE

Position

Performance Analyst (RRE)

Data de tancament

Diumenge, 31 Març, 2019
Reference: 50_CS_PT_RRE
Job title: Performance Analyst (RRE)

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

The tools R+D group is coordinating the European Center of Excellence on Performance Optimization and Productivity. We are looking for candidates interested in joining our team as a performance analyst to participate in the POP Center of Excellence.

Key Duties

- Contribute to the POP2 Center of Excellence (EU H2020 project)
- Collaborate in other research projects
- Support for the tools users
Requirements

- Education
  - Computer Science engineer

- Essential Knowledge and Professional Experience
  - At least 1 or 2 years experience using performance tools
  - Experience using parallel programming models (MPI, OpenMP, ...)
  - Programming languages (C, C++, Fortran, Python)
  - Experience in code analysis and optimization

- Additional Knowledge and Professional Experience
  - Previous experience with BSC performance tools would be very positively evaluated

- Competences
  - Ability to work in a team/project
  - Good English communication skills

Conditions

- The position will be located at BSC within the Computer Sciences 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