Job Reference

138_CS_PT_RE1

Position

Performance tools research engineer (RE1)

Data de tancament

Diumenge, 22 Juliol, 2018

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
BSC-CNS Corporate Video
Let's stay connected with BSC Folks!

Context And Mission

The Computer Sciences department of the Barcelona Supercomputing Center offers research engineer position in the Performance Tools group to work on the tools developed in BSC.

Key Duties

- Develop new functionalities and improve the scalability of the analysis tools developed in BSC
- Participate in the group's R & D projects

Requirements
• Education
  ○ Degree in Computer Engineering or similar

• Essential Knowledge and Professional Experience
  ○ Parallel programming models (MPI, OpenMP, ...)
  ○ Performance analysis tools, simulators, modeling, instrumentation.
  ○ Programming languages (C, C++, Fortran, Perl) and development tools (SVN, GIT ...)

• Additional Knowledge and Professional Experience
  ○ Experience with the BSC tools will be valued.

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
• 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: pending

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 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

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