Job Reference

523_23_CS_AIR_RE1

Position

Research Engineer (RE1)

Data de tancament

Diumenge, 31 Desembre, 2023
Reference: 523_23_CS_AIR_RE1
Job title: Research Engineer (RE1)

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, was a founding and hosting member of the former European HPC infrastructure PRACE (Partnership for Advanced Computing in Europe), and is now hosting entity for EuroHPC JU, the Joint Undertaking that leads large-scale investments and HPC provision in Europe. 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 900 staff from 55 countries.

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

We are particularly interested for this role in the strengths and lived experiences of women and underrepresented groups to help us avoid perpetuating biases and oversights in science and IT research.

Context And Mission

The High Performance Artificial Intelligence research group is growing, attracting both young talent and resources. This growth requires a stronger structure in which researchers with experience take responsibility and proaction in the growth of the group. This position is intended to fit a middle, managing the practical aspects of a specific research project.
Key Duties

- Leading development efforts of projects related with AI,
- Guiding research lines for the group within AI.
- Handling part of the relations of the groups with other institutions of interest (both public and private).
- Managing students and developers in an efficient and healthy work environment.
- Representing the group in different fora

Requirements

- Education
  - Degree in STEM
  - MSc in Artificial Intelligence

- Essential Knowledge and Professional Experience
  - Professional experience in at least 3 programming languages (3 years each)
  - Understanding of the AI field in width, with experience with at least 3 times of learning and/or reasoning paradigms.
  - Experience in writing and managing proposals and projects of the European funding frameworks (3 years)
  - Publishing record related with the AI field. At least 5 Q1 or top conference publications.

- Additional Knowledge and Professional Experience
  - Experience with AWS
  - Docker, Kubernetes
  - NLP
  - DL frameworks (Pytorch/TF)
  - DBs
  - Agile technologies
  - Ontologies (OWL, RDF)
  - English fluent, Spanish functional

- Competences
  - Leadership of groups.

Conditions

- The position will be located at BSC within the Computer Sciences Department
- We offer a full-time contract (37.5h/week), a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible working hours, extensive training plan, restaurant tickets, private health insurance, support to the relocation procedures
- Duration: Open-ended contract due to technical and scientific activities linked to the project and budget duration
- Holidays: 23 paid vacation days plus 24th and 31st of December per our collective 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: 16 January 2024
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 a 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

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on 23 des 2023 - 08:59): https://www.bsc.es/ca/join-us/job-opportunities/52323csairre1