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Supercomputing
Center**

Centro Nacional de Supercomputación

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Research Engineer for Infrastructure in Health Data Projects (RE1/RE2)

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Recruitment App Link

<https://webapps.bsc.es/recruitment/job/3358>

Website Node ID

63788

Job Reference

427_24_LS_INB_RE1/RE2

Position

Research Engineer for Infrastructure in Health Data Projects (RE1/RE2)

Closing Date

Sunday, 01 September, 2024

Reference: 427_24_LS_INB_RE1/RE2

Job title: Research Engineer for Infrastructure in Health Data Projects (RE1/RE2)

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 1000 staff from 60 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. In instances of equal merit, the incorporation of the under-represented sex will be favoured.

Context And Mission

The Barcelona Supercomputing Center (BSC) and the Spanish National Bioinformatics Institute (INB) are at the forefront of computational research and infrastructure development. Our mission is to develop cutting-edge infrastructure for ELIXIR projects and health-related research, enabling advancements in bioinformatics and computational biology. We are looking for a talented Research Engineer to join our team and contribute to these innovative projects.

If you are passionate about developing infrastructure for health data projects and have the skills and qualifications listed above, we encourage you to apply and join our dynamic team.

Key Duties

- **Programming:** Demonstrate mid to advanced knowledge of programming and good practices, particularly in Python, Java, and/or R (other languages are also welcome).
- **Software Architecture:** Assist in designing and planning the development of software architecture and its components.
- **API Integration:** Integrate our developments with external APIs.
- **Documentation:** Document and publish data and software following FAIR (Findable, Accessible, Interoperable, and Reusable) standards.

Requirements

- **Education**
 - › Degree in STEM (Science, Technology, Engineering, Mathematics).
 - › MSc in Bioinformatics or equivalent experience is desirable but not mandatory.
- **Essential Knowledge and Professional Experience**
 - › Strong development skills and experience with UNIX/LINUX environments.
 - › Familiarity with container development using Docker and/or Kubernetes.
 - › Experience working in a collaborative software development environment (e.g., git, CI/CD, documentation).
- **Competences**
 - › Interest in applying computer science to biomedical sciences.
 - › Ability to explore and learn new technologies.
 - › Good communication and presentation skills.
 - › Ability to work independently as well as collaboratively within a team.

Conditions

- The position will be located at BSC within the Life 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: ASAP

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@bsc.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

Application Form

You are applying for the following job offer

427_24_LS_INB_RE1/RE2

Name and Surname *

Gender ** *

Female

Male

Other

Email *

Nationality** *

Where did you first see this job offer (Please indicate the name of the website, social media, referral etc.)? *

please choose one of this and if needed describe the option : - BSC Website - Euraxess - Spotify - HiPeac - LinkedIn - Networking/Referral: include who and how - Events (Forum, career fairs): include who and how - Through University: include the university name - Specialized website (Metjobs, BIB, other): include which one - Other social Networks: (Twitter, Facebook, Instagram, Youtube): include which one - Other (Glassdoor, ResearchGate, job search website and other cases): include which one

Upload CV (select the file, then click the Upload button) *

Examinar...

No se ha seleccion...o ningún archivo.

Upload

i Please, upload your CV document using the following name structure: **Name_Surname_CV**

Files must be less than **3 MB**.

Allowed file types: **txt rtf pdf doc docx**.

Cover Letter (optional) (if so, select the file and then click the Upload button)

Examinar...

No se ha seleccion...o ningún archivo.

Upload

i Please, upload your CV document using the following name structure: **Name_Surname_CoverLetter**

Files must be less than **3 MB**.

Allowed file types: **txt rtf pdf doc docx zip**.

Other Documents (optional) (if so, select the file and then click the Upload button)

Examinar...

No se ha seleccion...o ningún archivo.

Upload

i Please, upload your CV document using the following name structure: **Name_Surname_OtherDocument**

Files must be less than **10 MB**.

Allowed file types: **txt rtf pdf doc docx rar tar zip**.

**** Consider that the information provided in relation to gender and nationality will be used solely for statistical purposes.**

Data policy: *

I accept the [data policy](#) *

Other: *

I confirm that the information given in this form is true, complete and accurate.

Submit

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L’FSE inverteix en el teu futur



Barcelona Supercomputing Center, 2024

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