410_21_LS_TM_R3

Job Reference
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Position
Senior computational linguist researcher (R3)

Data de tancament
Dijous, 16 Desembre, 2021
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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 700 staff from 49 countries.

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Context And Mission
We are looking for a senior computational linguist researcher with a broad experience in language technologies tools for the NextProcurement project, in particular for tasks related to the coordination in the context of this project.
He/she will interact directly with a team working in text mining and language processing covering both application and project development related aspects. He/she will be directly involved in innovation application projects from initial project planning, design, development and evaluation phases. In addition to natural language abilities there will be a requirement for project management related tasks: scoping, planning, time-management and deliverable writing.

Key Duties
Actively participating and working alongside the project management in designing proposals, project scoping, and evaluation procedures for natural language applications and solutions based upon users, prospect and partner requirements encompassed in technical specifications.

Project management activities: scoping, planning, time-management and deliverable writing.

Utilizing several technical skills to plan enhancement of application natural language capabilities through integrations, interfaces and additional coding.

Planning, design and implementation of evaluation of natural language platforms and applications to assess solution capabilities and to determine relevant development options to deliver impactful outcomes

Monitoring and evaluating feedback from users and identification of improvement actions

Technical English writing of project deliverables, in close collaboration with software developers.

Requirements

Education

- PhD degree in computational linguistics/linguistics, computer sciences, engineering or equivalent.

Essential Knowledge and Professional Experience

- Demonstrated participation in international projects, preferably European FP/H2020 projects and international collaboration.
- Demonstrated experience in project management related tasks.
- Demonstrated experience in NLP in Spanish and text mining tools in this language.
- Demonstrated experience in the integration and evaluation of NLP tools for unstructured information exploitation.
- Demonstrated experience in language technologies related to data models and metadata schema.
- Demonstrated experience in language technologies related to standard data formats and text annotation formats.

Additional Knowledge and Professional Experience

- Strong linguistic understanding of linguistic concepts related to morphosyntax, syntax and semantics.
- Strong linguistic background in annotation and development of language resources (corpora, vocabularies, lexica).

Competences

- Fluency in spoken and written English, fluency in Spanish and Catalan will be also valued.
Conditions

- The position will be located at BSC within the Life Sciences Department
- We offer a full-time contract, a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible working hours, extensive training plan, tickets restaurant, private health insurance, fully support to the relocation procedures
- Duration: Temporary - 1 year 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: 01/01/2022

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 of 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](http://www.bsc.es)

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](http://www.bsc.es)
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