Job Reference

1_CASE_NLP_R2

Position

NLP Expert: Language Processing Platform

Data de tancament

Dimecres, 28 Febrer, 2018

JOB DESCRIPTION

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 CASE department of the BSC seeks Natural Language Processing experts for a newly established Language Technologies R&D group. CASE will host a Technical Management Office (OTG) and a reference center to support the Plan for the Advancement of Language Technology through scalable processing platforms and the use of HPC (High Performance Computing).

BSC-CASE is looking for a NLP Expert: Language Processing Platform.

Key Duties:

- Defining components, modules and resources for industrial scale processing platforms, as well as establishing the standards necessary to guarantee interoperability.
- Supervise the different projects related to the Plan during the project.
- Coordinate internally and externally regarding the actions, resources and infrastructure implemented in the OTG to avoid redundancies.

REQUIREMENTS

Education

- PhD in fields relevant to the computational processing of natural language (computer science, linguistics, etc.)

Knowledge

- Essential Knowledge and Professional Experience
- Extensive experience in the development and design of robust modular linguistic processing pipelines, in real-world use contexts and for scalable and distributed platforms
- Team management experience in public and private R & D projects (European and national projects)
- Advanced programming skills (Python, Java) and modern development and continuous integration methodologies (GIT, SVN)
- Experience writing well documented technical reports and wide scope project applications
- Knowledge of machine learning techniques applied to the NLP
- Working knowledge of Spanish language, in addition to English.

- Additional Knowledge and Professional Experience
- Knowledge of any of the co-official languages of the Spanish State
Demonstrable experience of the following NLP platforms and libraries: UIMA, DKPro, GATE, Freeling, IXA, OpenMINTED and NLTK.

Conditions

- The position will be located at BSC within the Computational Architectures in Science and Engineering 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.
- Duration of the contract: 1 year renewable until 3 years, with a test period of 6 months.
- Starting date: January – February 2018.

Applications Procedure

All applications must include:

- A motivation letter with a statement of interest, including two contacts for further references.
- A full CV including contact detail.

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