149_CASE_DPPP_RE1

Job Reference

149_CASE_DPPP_RE1

Position

Junior information/UX designer (RE1)

Data de tancament

Dilluns, 30 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
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Context And Mission

The Computational Applications in Science and Engineering department (CASE) works with industry and academia developing software and applications that leverage the power of High Performance Computing to solve real problems. In particular, a large line of research and development is focused on the energy industries. Inside the CASE department works the Data Analytics and Visualization group, whose role is to develop and apply advanced statistical and determinist models to extract valuable information from large data sets, and convert them into visual and useful tools and representations.
We are working on problems related to urban mobility and modelling of social behavior, in particular developing data and machine learning models to produce forecasts and analysis to be used by decision makers. This information needs to be prepared and displayed in interactive interfaces containing multiple data visualizations and tools (filters, etc.).

The role of this position will be to interact with end users and the data scientists at the group, collect requirements, and design data visualizations and interfaces that facilitate decision making.

**Key Duties**

1. Work in collaboration with the other researchers and developers in the team
2. Interact with domain specialists to understand their problems and the available data
3. Work in collaboration with data scientists to construct models that incorporate all the stakeholders requirements
4. Employ user centred design methods to create data visualizations and interactivity that supports all the requirements

**Requirements**

- **Education**
  - Master or equivalent near the fields of urbanism, mobility, or smart city technology
- **Essential Knowledge and Professional Experience**
  - 0-2 years of experience in a similar position
  - Experience in data visualization techniques and software
  - Practical experience in user experience methods and techniques
- **Competences**
  - Excellent interpersonal and communication skills to deal with different stakeholders and understand their needs
  - Fluency in spoken and written English and Spanish, specially at the level of producing documentation (reports, white papers).
  - Strong initiative to carry on a multidisciplinary research project that requires talking to people on many different fields and learning new skills while on the job

**Conditions**

- The position will be located at BSC within the CASE 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: 1st of August

**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.

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