

Web Developer for Data Management

Closing date: 30th of June 2019

The Cyprus Institute (Cyl) is a European non-profit science and technology institution based in Cyprus and led by an acclaimed Board of Trustees. The research aims of the Cyl are represented by three research centers: the Computation-based Science and Technology Research Center (CaSToRC), the Science and Technology in Archaeology and Culture Research Center (STARC), and the Energy Environment Water Research Center (EEWRC). Considerable cross-center interaction is a characteristic of the Institute's culture.

The selected candidate will contribute in research activities in the area of computer graphics and vision, and will be responsible for the development of tools and services (Java), including data analytics, data management, mining and visualization, data sharing through content management systems. The candidate will also undertake the addition and improvement of modules to existing CMS (Content Management System) and modification of the underlying code as necessary, to meet the functionality required.

The rank of the position (Research Assistant or Post-doctoral Fellowship) will be based on the successful candidate's qualifications. ***For a Post-doctoral position, a PhD degree by the starting date is required.** The duration of appointment will be of a fixed-term period renewable based on performance, funding availability and project needs of the Institute.

Responsibilities

The successful candidate, depending on specialisation, will be carrying out the following activities:

- Contributing in PRACE Dissemination and Outreach activities including PRACE website development, maintenance, and be part of the team engaged in the re-design of the PRACE website
- Contributing in PRACE training activities including the development and maintenance of the new PRACE Training portal and related web services
- Maintaining the software which is critical to the functionality of a research CMS
- Planning and implementing new modules to CMS
- Adding or improving modules to existing website(s) and modification of the underlying code as necessary, to meet the functionality required
- Identify opportunities for the further enrichment and advancement of existing CMS (new user interfaces, new features and functionalities etc.)

Required Qualifications

- *A PhD or a Master's Degree in Computer Science, Information Technology, Digital Humanities, Geographic Information System, Physical Sciences, Engineering or any related field. etc.
- Experience in statistical analysis, data modeling and software systems.
- Experience in data management and design.
- Experience in C, C++, Python, etc.

- Experience of handling the latest web-related technologies, design and implementation of CMS features and user interfaces
- Experience with creating apps, virtual environments, geoweb and databases
- Ability to design user interfaces for multiple devices & knowledge of visualization tools will be considered an advantage.
- Excellent knowledge of the English language both written and verbal.
- High level of communication and interpersonal skills and the ability to adopt to a multicultural/multidisciplinary environment.

Application

For full consideration, interested applicants should process their application at The Cyprus Institute JobBoard (<http://jobboard.cyi.ac.cy/>) based on the instructions given. Applicants should submit a curriculum vitae including a letter of interest and a list of three references (including contact information) (all documentation should be in English and in PDF Format). For further information, please contact Prof Constantia Alexandrou (director.castorc@cyi.ac.cy). Please note that applications which do not follow the announcement's guidelines will not be considered.

Recruitment will continue until the position is filled.

References: 3

Ref. no.: CaSToRC_WDDM_19_02

Contact Person: Prof Constantia Alexandrou