

## Web / Database Developer

### Organization

SESAME is the first synchrotron light source built in the Middle East , located in Allan- Jordan. The facility consists of a 20 MeV Microtron, an 800 MeV Booster synchrotron and a 2.5 GeV electron storage ring. One beamline is in operation (X-Ray Absorption) and one beamline (Infrared) will become operational in few months) while two further will follow in 2019 to carry out world-class research in virtually all fields of Science.

SESAME offers a vibrating and stimulating international environment with great possibility of scientific and technical growth. SESAME is seeking to recruit a motivated Web / Database Developer to support and maintain IT services to meet the facility, staff and users demands on the best effort basis.

### Organizational setting of the post

- |                       |   |
|-----------------------|---|
| 1. Post grade:        | P1  |
| 2. Title of the post: | Web/Database Developer (Vacancy notice number AD/18/3)            |
| 3. SESAME Sector      | Administrative Sector   |
| 4. Unit/section:      | General group   |
| 5.Duty Station:       | SESAME site, Allan, Jordan  |
| 6.Benefits:           | Health insurance, Life and disability insurance, Education grant. |
| 7.Type of contract:   | Fixed term, 3 years (first 12 months are probation period).       |

### I Basic purpose and major professional duties and responsibilities

Under the supervision of the Scientific director of SESAME, and in close collaboration with other Administration and Technical staff, the main responsibilities of the successful candidate would be:

- Plan, design, code, test, debug, implement, maintain, and document web-based and Database services at SESAME (websites, hosting, SESAME User Portal (SUP), SESAME Drive on Cloud, FTP, Intranet, ERP and all other internal web servers) with an emphasis on secure, standards-based programming methods
- Configure and install PHP, httpd and database on Linux platforms (preferably CentOS)
- Develop new web and database services in which to be authenticated with MS Active Directory and LDAP servers
- Develop web application to run predefined scripts (bash, python, ... etc)
- Design, implement and maintain database entities that support the applications
- Publish/update all SESAME web contents (text, images, etc.)
- act as a focal-point for staff and end-user problems related to SESAME web pages
- Keep up-to-date with current and emerging development best practices and research new technologies and then implement and customize new web/database features and workflow
- Upgrade web and database servers as needed and plan for outages
- Manage web, database and CMS version releases
- Install, maintain and customize issue tracking software (i.e. Bugzilla)
- Maintain server resource monitoring software (i.e. Cacti)

- Implement and maintain a database and web services backup strategy
- Develop and support mobile web interface to meet institutional goals
- The job may require some travel and on call shift even occasionally during the night
- Other duties as assigned

## II Training and support given by SESAME

SESAME has a collaboration program with many Synchrotron Light Source centres in the world and especially in Europe. If necessary, the candidate will be trained during the first 3 or 6 months of his job in one of these centers.

## III Minimum Qualifications required

- Bachelor's degree in computer science, computer engineering or related field and three to five year's relevant experience.
- Excellent interpersonal skills, including teamwork.
- Proven experience with Bash, Python, Perl and JavaScript.
- Proven experience with Oracle and MySQL.
- Proven experience with HTML, HTML5 and PHP.
- Experience with Drupal and Joomla CMS.
- Extensive experience with Linux administration and web hosting or other Unix-like environments.
- Demonstrated experience on developing LAMP web applications.
- Demonstrated capability in relational database design; development of database-driven web applications, and to be integrated with other IT services.
- Demonstrated capability in management and prioritization of features, tasks, and bugs; application documentation.
- Willingness to learn new skills.
- Have very good communication skills in English (verbal/Written via Emails), and the ability to contribute on technical writing.
- Identifying and resolving problems in a timely manner.
- Working in a complex IT environment that requires multi-tasks skills and the ability to prioritise the assigned tasks.
- Work for extra hours and during the weekends and vacations if needed (i.e. web / database servers problems, service is down, ... etc )

### Required knowledge of languages (indicate required level of knowledge)

	excellent	working	fair
English	X		
Arabic			
Other			

### Additional information regarding the post

- The post requires full time commitment.
- The position will remain open until it is filled

### Employment Conditions

- The work provisional starting date is as soon as possible
- The work location is in Jordan
- The candidate should be willing to travel abroad to attend training, workshops and seminars.
- The entry level and salary will be based upon the qualifications, experience and the level of responsibility of the post.
- In addition to the basic salary the incumbent is entitled to other allowances (installation grant, education grant, housing subsidy, etc.).
- The candidate should ideally be a national of a Member of SESAME.
- SESAME is an equal opportunity employer

#### **How to apply**

A detailed C.V. in English and a cover letter should be addressed to SESAME Administration by filling the Online Submission Form on the announcement page.

For further Information: Consult the SESAME web site: [www.sesame.org.jo](http://www.sesame.org.jo)