Vacancy: Position of Senior Systems Engineer

Applications are invited from suitably qualified and experienced persons for the demanding position of Senior Systems Engineer of the Research and Education Network for Uganda (RENU). RENU is a not-for-profit organisation that encourages ICT-enabled collaboration among Ugandan researchers and the higher education community by linking them to their peers and partners, nationally within Uganda, regionally within Africa and internationally to the global Research and Education (R&E) communities.

Duties and Responsibilities

As Senior Systems Engineer, the person will plan, install and maintain all RENU servers and data centers, participate actively in the planning and delivery of NREN services needed by member institutions over and above connectivity, participate in capacity development activities for member institutions, and contribute to innovation for new services needed by member institutions.

Experience

- At least 2 years of experience with OpenStack and other Cloud infrastructure implementations.
- Knowledge of federated identity technologies and architectures.
- Experience with open source relational databases, such as MySQL and PostgreSQL.
- Programming experience in any two of Python, PHP, Java, Perl, Ruby.
- Linux shell scripting.
- Mail server configuration and administration using open source tools.
- Web server administration.
- Knowledge of LAMP installations and configurations for website hosting.
- Knowledge and experience in open source monitoring tools such as Cacti, Nagios, LibreNMS and Nfsen.
- Knowledge on SSL certificates and deployments.
- Knowledge on security implementations for all systems listed above.

Qualifications

- A Bachelor's degree in Computer Science, Computer Engineering, Software Engineering, or Electrical/Telecommunications Engineering.
- A Master's degree in the above fields is an added advantage.
- At least two certifications in Linux.
- A certification in database administration and management is an added advantage.

Method of Application

Send Application to: **hr@renu.ac.ug**. The application should be accompanied by a complete up-to-date CV and copies of academic documents and contactable references. The cover letter should be addressed to:

> **The Human Resource Manager,**
> **Research and Education Network for Uganda (RENU).**

Closing date: Friday 7th June, 2019 at 5pm Uganda time. Only shortlisted candidates will be communicated to.