

Class Code:0867-REV
Position #: PTAA(E)
Developed by: RK;TW
Reviewed by: DLJ
Approved by: LK
Date: 12/16; 06/17

THE UNIVERSITY OF RHODE ISLAND
Position Description

TITLE: Senior Technical Programmer (System Administration)
DIVISION: Academic Affairs (University Computing Systems)
REPORTS TO: Manager, Internal Systems
GRADE: 14
SUPERVISES: Technical support staff

BASIC FUNCTION:

Act as part of a system administration team supporting servers in a mixed environment of physical and virtual servers. The team is responsible for all day to day operation of core university systems, as well as maintenance and upgrades to existing applications and the implementation of new technologies.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Responsible for day to day Linux server administration, including: modifications, upgrades, patching, backup, security and installation of software.

Focus on web service support systems.

Design, program and maintain specialized computer software used in support of applications.

Analyze production and systems performance for determination of problem areas and proactively implement fixes and solutions.

Maintain proficiency in programming, systems analysis and server software and hardware administration.

Prepare feasibility studies of new systems.

Coordinate & manage vendor activities.

Coordinate with URI IT analysts and developers to ensure application performance and reliability.

Support ITS Staff (Database & Application Development) in delivering technical solutions.

OTHER DUTIES AND RESPONSIBILITIES:

Perform other duties as required.

LICENSES, TOOLS AND EQUIPMENT:

Personal computers, printers, word processing, and spreadsheet software; server systems.

ENVIRONMENTAL CONDITIONS:

This position is not substantially exposed to adverse environmental conditions.

QUALIFICATIONS:

REQUIRED: Bachelor's degree; Minimum of four years of experience in a Linux server administration in a production environment; Demonstrated experience in a minimum of one scripting language, such as Perl/Python; Demonstrated strong interpersonal and verbal communication skills; Demonstrated proficiency in written communication skills; Demonstrated supervisory experience; Demonstrated ability to interpret institution policies, plans, objectives, rules and regulations and communicate the interpretation to subordinates and others; Demonstrated experience in delivery of LAMP (Linux, Apache, Mysql, PHP) stack technology; and, Demonstrated ability to work with diverse groups/populations.

PREFERRED: Demonstrated experience with Wordpress; Demonstrated experience with HA Proxy; Demonstrated experience with firewalls/networking & TCP/IP; Demonstrated experience with scripting languages (in addition to Perl/Python); Demonstrated experience with programming languages, such as Java/C/C++; Demonstrated experience administering services such as LDAP, DNS, DHCP, TACACS; Demonstrated familiarity with system management and automation tools; Demonstrated experience with Windows Server Administration; and, Demonstrated experience in a higher education setting.

ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.