GRADUATE ASSISTANT POSTING

POSITION TITLE: Library Affairs System’s Graduate Assistant
NUMBER OF POSITIONS/PERCENT: 1 position at 50% time (20 hours per week)
TIME PERIOD OF POSITION: Summer 17 hire date: 5/13/17 - May continue through Fall 17 and Spring 18; ending date 5/12/18 (Not on state Funds)

UNIT: Library Affairs - Systems
CONTACT PERSON and PHONE: Rich Beach, rbeach@siu.edu

GENERAL RESPONSIBILITIES:
We are seeking a self-motivated junior server administrator to develop, deploy, and maintain Windows and Linux server installations, both virtual and physical.
Responsibilities include:
- Assist System’s staff in the installation, maintenance, customization, and testing cycles of web portals, application servers, and their associated hosting environments.
- Collaborate with System’s members and Library colleagues on project planning, measuring project progress, anticipating impediments to timely completion, and proposing solutions to those challenges.
- Maintain current industry knowledge of development concepts, best practices, and hardening procedures.
- Available working hours will be Monday through Friday, 8:00 am to 4:30 pm. Schedule is negotiable (20 hours per week). Infrequent overnight work will be requested for server downtimes.
- Reappointment for each semester contingent upon job performance and available funding.

REQUIRED QUALIFICATIONS:
- Admission to Graduate School and acceptance into a computing-related academic degree program.
- Strong experience installing/deploying server operating systems (Windows and/or Linux).
- Strong understanding of LAMP server deployments.
- Experience with virtualization environments (any/all: Microsoft Hyper-V, Ubuntu KVM, or QEMU/Xen).
- Experience with SQL engines (MSSQL and/or MYSQL).
- Firewall configurations.
- Willingness to learn new technologies as needed and an enthusiasm for problem solving.

PREFERRED QUALIFICATIONS:
- SharePoint and/or ASP.NET Developer experience a plus.
- Windows PowerShell, Linux shell scripting.
- Any/all: Microsoft Office, LibreOffice.
- Experience with ASP.NET Framework 4.5 and Visual Studio a plus.
- Ability to review event/application logs to conduct troubleshooting.
- Any/all: C, C++, C#, Java, Perl, Python, PHP, CSS, HTML5.
- Experience troubleshooting network connectivity issues.

TO APPLY:
To obtain an application, please visit our website at www.lib.siu.edu/ga for online application instructions or go to Library Affairs Administrative Offices, located in Morris Library Room 290. Submit completed Graduate Application form and a current resume to the Library Affairs’ Administrative Office (Morris Library, Room 290) or via Campus Mail to: Library Administrative Office, Library Affairs, Mail Code 6632, SIU Carbondale, or email rbeach@siu.edu

DATE OF POSTING: April 25, 2017
DEADLINE FOR APPLICATION: May 12, 2017