The University of Texas at San Antonio

Job Description

Job Title: Cyber Security Competition Engineer

Code: 19389

Salary Grade: 62

FLSA Status: Exempt

Department/Division: Center Infrastructure Assurance & Security (CIAS)

Reports To: Director, CIAS

Summary

- <u>Function</u>: To assist in the design, development, and implementation of the technologies and infrastructure required to host and conduct cyber competitions.

- <u>Scope</u>:   Responsible for developing and maintaining technologies and infrastructure required to host and manage a variety of cyber competitions.

Duties

- <u>Typical</u>:
  1. Develop competition scenarios, virtual images, and components.
  2. Provide systems support for network infrastructure to include analyzing, diagnosing, maintaining, upgrading, migrating, and troubleshooting assigned system areas related to cyber competitions.
  3. Perform network system installation and support of software, maximizing production and uptime of the network.
  4. Provide customer support and/or problem resolution for reported problems/issues.
  5. Performs other duties as assigned.

- <u>Periodic</u>:
  N/A

Education

Required	Preferred
Bachelor's Degree in a related field from an accredited institution.	N/A

Other Requirements

Required	Preferred

Experience working with various desktop and server operating systems including Linux and Windows.	N/A
Experience working with a variety of services including web, FTP, database, DNS, SMTP, and SMB.	
Experience working with virtualization technologies.	
General networking experience.	
Programming experience in C and other programming languages.	
Strong verbal and written communication skills.	
Ability to work with a team under strict deadlines.	
CBC Required	

Experience

Required	Preferred
Two years of experience in Unix/Linux system administration and two years of experience in programming or software engineering. Programming and administration experience may overlap.	Four years of experience in Unix/Linux system administration and four years of experience in programming or software engineering. Programming and administration experience may overlap.

Equipment

Required	Preferred
Personal computers, laptop computers, virtual machines, and rackmount servers.	N/A

Working Conditions

Usual	Special
Usual office conditions.	Occasionally requires weekend and evening work.
	Requires travel to support competition and development activities.

Supervision

Received	Given
Direct supervision from supervisor	May directly or indirectly supervise assigned staff.

Accuracy

Proficiency in all phases of duties performed.

Internal Control

Within the scope of position duties, responsible for seeing that operations are effective and efficient, assets are safeguarded, reliable financial data is maintained, and applicable laws, regulations, policies and procedures are complied with.

Security Sensitive

Specific job requirements or physical location of some positions allocated to this classification may render the position security sensitive, and thereby subject to the provisions of section 51.215 Texas Education Code.