Supercomputer Software Specialist

Definition of Class
This is a non-supervisory position in which the incumbent assists in providing high performance computing for the State of Mississippi. The incumbent assists the Senior Systems Programmer and performs his/her duties in his/her absence.

Examples of Work Performed
Assists with the installation and maintenance of the system software for the larger workstations and high performance computers associated with the Mississippi Center for Supercomputing Research.

Assists in providing a stable, effective computing environment for users of the computer.

Detects and diagnoses problems with system and implements solutions.

Ensures proper backup and retrieval of computer storage information.

Assists user consultants in determining problems and resolutions.

Develops applications useful in setting-up and maintaining the computer environment for the users.

Performs similar or related duties as assigned or required.

Essential Functions
These essential functions include, but are not limited to, the following. Additional essential functions may be identified and included by the hiring Department.

1. Detects and diagnoses system problems and implements solutions.

2. Assists with installation and maintenance of system software.

3. Develops applications to ensure effective computing environment.

Minimum Qualifications
These minimum qualifications have been agreed upon by Subject Matter Experts (SMEs) in this job class and are based upon a job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of the position. Any request to substitute related education or experience for minimum qualifications must be addressed to The University of Mississippi's Department of Human Resources in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

Physical Requirements: These physical requirements are not exhaustive, and additional job related physical requirements may be added to these by individual agencies on an as needed basis. Corrective devices may be used to meet physical requirements.

   Physical Exertion: The incumbent may be required to lift up to approximately 25 pounds.

   Vision: Requirements of this job include close vision and color vision.
Speaking/Hearing: Ability to give and receive information through speaking and listening.

Motor Coordination: While performing the duties of this job, the incumbent is frequently required to sit; and use hands to finger, handle or feel objects, tools or controls. The incumbent is occasionally required to stand; and walk.

Experience/Educational Requirements:

Education:
Bachelor’s Degree from an accredited four-year college or university.

AND

Experience:
Two (2) years of experience related to the above described duties.

Substitution Statement:
Related experience may be substituted for education, on a basis set forth and approved by the Department of Human Resources.

Interview Requirements
Any candidate who is called for an interview must notify the Department of Human Resources in writing of any reasonable accommodation needed prior to the date of the interview.

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