The University of Texas at San Antonio

Job Description

Job Title:	Research Software Developer I
Code:	19349
Salary Grade:	60
FLSA Status:	Exempt
Department/Division:	Department of Computer Science/College of Sciences
Reports To:	In accordance with specific departmental policies

Summary

- <u>Function</u>: Provide technical skills needed to program, generate and maintain advanced research software.

- <u>Scope</u>: Responsible for assisting in the design, development and deployment of research software.

Duties

- <u>Typical</u>:
  1. Program within a large compiler infrastructure
  2. Implement algorithms for analysis and other research purposes.
  3. Document and debug existing software.
  4. Refactor existing software using latest programming technologies.
  5. Perform and maintain literature searches for research support
  6. Perform other duties as assigned.

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

Education

Required	Preferred
Bachelor's Degree in Computer Science, Software Engineering, or Computer Engineering.	Master's Degree in Computer Science, Software Engineering, or Computer Engineering.
At the department's discretion, 30 graduate hours toward a MS Degree in Computer Science can substitute for the BS degree.	

Other Requirements

Required	Preferred
Strong analysis and problem solving skills. Additional specialized skills may be required depending on specific project or assignment (e.g., expertise in graphics, compilers, bioinformatics).	
Criminal Background Check (CBC).	

Experience

Required	Preferred
N/A	One year software development experience with complex projects.

Equipment

Required	Preferred
Computers workstations, special purpose software, and standard office equipment.	N/A

Working Conditions

Usual	Special
Usual office environment.	N/A

Supervision

Received	Given
Limited supervision by immediate supervisor.	May supervise student assistants.

Accuracy

Proficiency in all phases of the duties performed.

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.

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.