### General Description
Develops, implements, and/or maintains application-based solutions related to all phases of the Systems Development Life Cycle (SDLC) in a professional, leadership position.

### Examples of Duties
- Develops the business process analysis.
- Evaluates and implements end-user requests for new or modified computer programs.
- Supports large scale integrated relational database applications or projects.
- Leads the conversion of project specifications into logical computer codes.
- Creates new features and applications on the web and on mobile technologies.
- Oversees the conversion of data into multiple formats and environments.
- Prepares flow charts and diagrams.
- Writes reports, trains University staff and new programmers, and provides advanced level consultation to customers/clients.
- Formulates plans to develop programs.
- Tests, documents, and performs quality assurance on programs.
- Responds to customer problem reports, system performance anomalies, such as application code troubleshooting and design, programming, testing, and debugging of software patches/fixes.
- Instructs, directs and checks the work of the Application Developers, Intermediate and Associate.
- Participates in meetings and communicates with management and the customer concerning the project and/or the application support.
- Performs other advanced level duties as assigned.

### Knowledge, Skills, and Abilities
- Knowledge of data processing principles, practices, and equipment.
- Knowledge of large integrated systems and event-driven programming.
- Knowledge of Windows, voice response systems, and programming languages, such as COBOL, C, C++, Visual Basic, Pearle, Java, relational databases (Oracle), middleware, LANs, etc.
- Effective time management, customer service, analytical and organizational skills.
- Effective oral and verbal communication skills with external and internal customers.
- Ability to multi-task, train staff & programmers, and use independent judgment.

### Minimum GSU Hiring Standards
Bachelor’s degree and three years of related experience; or a combination of education and related experience.

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*The above is a general description of duties performed by employees holding this job title and does not represent a complete list of duties that may be assigned to an employee.*