

Class Concept

This is technical and analytical work in developing, designing, and/or supporting applications for the business, research, and/or instructional functions of clients. This role develops solutions using programming expertise for day-to-day problems to include maintenance, modification or development of complex inter-related applications/solutions. Duties include client needs assessment as well as evaluating hardware availability and software requirements.

Recruitment Standards

Knowledge, Skills, and Abilities

- Fully understands, exhibits and maintains a high level of technical skill or knowledge in the area of application development and system integration.
- Detailed understanding of assigned data and the use of its systems via developing through test plans/scenarios.
- Skilled in enterprise systems and familiarity with best business practices related to systems
- Knowledge of security protocols for systems utilized.
- Knowledge of the current architecture of systems and information to troubleshoot problems.
- Understanding of the business functions and system needs of unit to develop working specifications for software application solutions.
- Ability to manage timelines, financial resources, and the activities of others to achieve success and to monitor project progress and provide updates to managers.
- Experience in the entire development process including specification, workflow analysis, workflow diagrams, data modeling, documentation and quality assurance.
- Coordinate and direct computer systems and application design and development.
- Understanding of the business functions and system needs of unit to develop working specifications for software application solutions.
- Experience in assessing user needs through discussion with customer conveying technical information to client and promote understanding of relevant issues.

Minimum Education and Experience

Bachelor's degree in Computer Science, Computer Information Systems, Computer Engineering, math, or Engineering or related technical degree from an appropriately accredited institution and one year of experience in business application consulting or development; or

Bachelor's degree and some computer coursework from an appropriately accredited institution and two years of experience in business application consulting or development; or

Associate's degree in Computer Programming from an appropriately accredited institution and two years of experience in application consulting or development; or an equivalent combination of education and experience.