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 partners with business systems analysts, business relationship managers and process engineers to gather requirements and design applications systems within the data architecture established for the State. This is technical work with large sophisticated applications and the management of application system implementation projects. This role works with top management to define and design applications to meet the automation requirements of the entire organization. This level of enterprise systems is rare.

Recruitment Standards

Knowledge, Skills, and Abilities
- Knowledge of specialized computer programming languages; and of coding processes and security measures.
- Ability to evaluate and analyze existing specialized applications and define problems effectively in order to make recommendations; accurately identify business needs and process improvements.
- Ability is required to review and translate specifications to write programs to produce desired results; to develop and use appropriate testing protocols; and to use and interpret technical manuals and publications.
- Knowledge of specific agency functions and business needs; of changes in computer technology and specific applications systems; and of laws, rules and regulations affecting the business needs of the organization.
- Ability is required to review and analyze user requests and other information and design appropriate programs and systems.
- Demonstrated ability to perform a wide range of programming and analysis work and to work independently.

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 four years of experience in business application consulting or development; or

Bachelor’s degree with some computer coursework from an appropriately accredited institution and five years of experience in business applications consulting or development; or

Associate’s degree in computer programming from an appropriately accredited institution and five years of experience in application consulting or development; or an equivalent combination of education and experience.