

JOB DESCRIPTION

Position Title: Software Engineer (mid to senior level)
Department: Development
Reports To: Development Lead, Supervisor, or Manager
FLSA Status: Exempt

Position Summary

As a Software Developer you will perform program design, coding, unit testing and bug correction.

Essential Functions:

The software engineer will (depending upon the experience level) participate in a variety of standard activities and functions. These may include, among others, business problem analysis, system, and/or program specifications, documentation, and design(s). The software engineer will also be required to participate in the writing of new programs, maintenance of previously written programs, defect identification and corrections. Estimating of upcoming work and time tracking of activities. System diagramming utilizing professionally accepted tools such as UML, Patterns, and others as identified. Other related duties and functions will be required as determined by the employee's manager.

Technical requirements desired:

- Technical knowledge in software development methodologies, design and implementation.
- Understanding of the development process, including requirements, use-cases, specifications, documentation and quality assurance.
- Requires current Java programming experience. Experience in C#, and .Net required. Additional knowledge in any of the following is useful: HTML, JavaScript, XML, and XSLT.
- Practical GUI design skills.
- Knowledge of 2-tiered and 3-tiered architectures is needed
- Strong object-oriented programming skills.
- Working knowledge of the SQL dialect and relational database theory.
- General usable knowledge of operating systems, network and computer hardware and IT infrastructures.
- A Bachelor's degree computer science and commercial or government software engineering experience.
- Good analytical and design skills.
- Good communications and interpersonal skills.

Work Environment

General office. Use of PC and related software applications. No special physical demands required.