

Programmer Analyst I

Description

The Programmer Analyst I's role is to define, test, analyze, and maintain existing software applications in support of the achievement of business requirements. This includes writing, coding, testing, and analyzing software programs and applications. The programmer analyst will also research, design, document, and modify software specifications throughout the production life cycle.

Responsibilities

Application Development

- Consistently write, translate, and document software programs and applications according to *agile* programming and testing specifications.
- Work with internal and external customers to analyze and correct software bugs.
- Analyze specifications provided by third parties and develop a proposed plan for implementation.

Operational Management

- Liaise with network administrators, systems analysts, and software engineers to assist in resolving problems with software products or company software systems.
- Write programming scripts to enhance functionality and/or performance of company applications as necessary.
- Design, run and monitor software performance tests on new and existing programs for the purposes of correcting errors, isolating areas for improvement, and general debugging.

Position Requirements

Formal Education & Certification

- College diploma or university degree in the field of computer science, information systems, or software engineering.

Knowledge & Experience

- Knowledge in a variety of programming languages, including
 - C++
 - Delphi
 - SQL
 - C#
 - Javascript
 - JSON
 - RESTful Web Services

- Understanding of coding methods and best practices.
- Understanding of relational database and operating systems experience with MySQL, Microsoft SQL Server
- Experience with platforms such as Microsoft Visual Studio

Personal Attributes

- Able to communicate effectively with non-technical staff and with members of interdisciplinary teams.
- Flexible and adaptable in regard to learning and understanding new technologies.
- Strong written, oral, and interpersonal communication skills.
- Ability to conduct research into software-related issues and products.
- Highly self-motivated and directed.
- Keen attention to detail.
- Analytical and problem-solving abilities.
- Ability to effectively prioritize and execute tasks in a high-pressure environment.
- Ability to work both independently and in a team-oriented, collaborative environment.

Work Conditions

- On-call availability.
- Overtime hours may be required to meet project deadlines.
- Some travel may be required for off-site product analysis.