



Senior Programmer

Job Summary

The Senior Programmer generates new code and corrects and/or modifies existing code to meet documented standards. The Senior Programmer participates in all phases of software development, including system design, analysis, architecture, and engineering. They program, design, analyze, code, implement, and test software applications, modules, and databases in various languages, including those associated with scientific, technical, or engineering problems. The Senior Programmer also designs and develops computer-based and/or multimedia courseware for customer training initiatives utilizing appropriate authoring languages, systems, animation, and graphics software. Additionally, the Senior Programmer provides customer support to clients and troubleshoots problems.

Job Description

Key Responsibilities

- Tests computer operating and/or network systems.
- Performs data and technical analysis and information engineering.
- Prepares reports on analyses, findings, and project progress.
- Performs technical research on emerging technologies to determine impacts on application execution.
- Builds and codes applications and/or models using various computer programming languages.
- Plans, develops, tests, and documents client/server applications programs.
- Generates new code and corrects, converts, and/or modifies existing code to meet specifications.
- Prepares detailed specifications from which code will be written.
- Confers with end-users to analyze specified methods and procedures, identify problems, and document specific requirements.
- Writes and updates technical documentation such as users' manuals, product specifications, and training materials.
- Performs a variety of testing procedures on assigned products, analyzes test results, and corrects problems.
- Maintains current knowledge of relevant technologies as assigned.
- Participates in special projects as required.

Minimum Qualifications

- Bachelor's Degree in Computer Science or related technical discipline with 5+ years of experience in other related fields.
- Ability to solve problems, think creatively, and communicate ideas clearly.
- Ability to work collaboratively with others and independently.
- Ability to record self-directed work hours ethically and honestly.