
Scientific Programmer Resume

Job Objective

Seeking a Scientific Programmer position that offers an immediate challenge, career opportunity and advancement.

Work Experience:

Scientific Programmer, August 2005 – Present

ASL Environmental Sciences Inc., Waynesburg, OH

- Reviewed application design and processing activities to ensure that project requirements and needs are met.
- Determined requirements for data, workflow, logical processes, hardware, operating system, interfaced with other application and outputs.
- Analyzed, evaluated and tested program coding prior to implementation to ensure the application is ready for production operation.
- Performed ongoing monitoring of deployed applications to ensure maximum intended performance.
- Scheduled and performed regular improvements, patches, fixes and other upgrades and maintenance.

Scientific Programmer, May 2000 – July 2005

GeoEye, Waynesburg, OH

- Conducted complex systems modeling, analysis and simulation to present appropriate solution.
 - Investigated and tested complex software systems to improve performance and resolve matters.
 - Suggested corrections in complex technical applications and analysis to improve performance.
 - Provided technical consultation to other organizations; interacted with senior customer personnel and internal senior management.
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Summary of Qualifications:

- Remarkable experience in developing software for addressing
 - Science, technical and engineering applications
 - Familiarity with C++, Java, Fortran, Python, Java and MATLAB Programming languages
 - Profound knowledge of creating software design and architecture documentation in an object-oriented programming environment
 - Outstanding ability to troubleshoot programming changes, errors and subsequent modifications
 - Exceptional ability to write concise and accurate technical instructions throughout program development
 - Excellent written and oral communication skills
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Education:

Bachelor's Degree in Oceanography & Meteorology, Campbellsville University, Kentucky, KY

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