GEOSPATIAL SOFTWARE DEVELOPER

JOB DESCRIPTION

American Aerospace Advisors, Inc., a rapidly growing developer of unmanned aircraft systems and airborne sensors, seeks a key individual to be responsible for performing requirements analysis, design, coding, testing, verification and validation, and maintenance of image processing and geospatial software systems. Analyzes and documents software requirements, prepares design specifications, develops software, creates and implements test plans. Responsible for developing software code to standards, meeting requirements on schedule and with minimal defects.

Principal Duties and Responsibilities: Designs, develops and engineers software solutions based upon company requirements. Uses software development tools and concepts Visual Studio (C++ and C#), geospatial libraries, relational databases and others. Develops technical documentation detailing the project design parameters.

REQUIRED EDUCATION/EXPERIENCE

* Bachelor's Degree or equivalent and one year of general experience preferred. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.
* With a Master's Degree, no additional general experience is required.

REQUIRED SKILLS

* Candidate must have at least 2+ years of progressive C++, C#.NET development experience.
* Comprehensive understanding of object orientated concepts
* Good understanding of underlying software development principals and practices
* Strong knowledge in developing software applications in C++ and C#.Net
* Experience with image processing and geospatial libraries and tools.
* Experience with interfacing to relational database management systems.

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