Job Opening: Software Engineer

Job Description

X-wave Innovations, Inc. (XII) is a Research and Development (R&D) firm headquartered in Gaithersburg, Maryland. We conduct state-of-the-art research and product development in the fast-evolving areas of Sensor Technologies, Ultrasound, Nondestructive Evaluation/Structural Health Monitoring, Artificial Intelligence/Machine Learning, and Electronics. We are looking for a highly self-motivated Software Engineer & Network Administrator to join our energetic and creative R&D team. Excellent work ethics and writing/oral communication skills are expected. **US citizen or Permanent Resident is required**.

Qualifications

• B.S. or higher degree in Computer Science/Engineering with 5+ years of experience in professional software development using C#, .Net, Python, OpenCV, SQL, etc.
• Proficiency in GUI design, hardware/instrumentation interfacing and system integration/development
• Experience with version control, software packaging, configuration management, and deployment
• Experience with SQL server database design and development
• Experience with network administration, security, configuration, and maintenance is a big plus
• Ability to plan phases of the software development life cycle (SDLC)
• Ability to perform system analysis, design and documentation
• Ability to work in fast-paced environment and meet project schedules
• Ability to work well in a team as well as independently

Job Duties

• Design and develop new application software packages
• Test, maintain, and improve legacy software systems
• Assist in company network administration, security, and update
• Write technical documents and reports

Education

B.S. or higher.   CS/CE or related fields

We offer competitive salary along with a full benefit package (e.g., medical/dental/vision insurance, 401K, profit-sharing, paid holidays, vacation, etc.). XII is an EEO/AA employer.