Job Opening: Software Engineer - .Net, GUI, GPU, System integration

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 Technology, Wireless Sensor Networks, Ultrasound, Nondestructive Evaluation/Structural Health Monitoring, Signal Processing, and Power Electronics. We are looking for a highly self-motivated Software Engineer to join our energetic and creative R&D team. Good time management, writing/communication skills are expected. **Must be US citizen or Permanent Resident**.

• B.S. or higher degree in Computer Science with 5+ years professional software development experience with .Net, C#/C++, GPU, OpenCV, SQL, etc.
• Proficiency in GUI design, hardware interfacing (e.g., instrumentation) and system integration/development
• Experience with GPU programming for 3-D surface reconstruction or image processing software development
• Experience as a software developer team lead
• Experience with configuration management, version control, software packaging and deployment
• Ability to plan phases of the software development life cycle (SDLC)
• Ability to perform system analysis, design and development
• Ability to resolve problems with software products or company software systems
• Excellent quantitative, analytical and conceptual thinking skills
• Ability to work well in a team as well as independently
• Excellent work ethics and attention to detail

Job Duties
• Design and develop application software package
• Integrate software and hardware into a prototype system
• Test and improve prototype system performance
• Write technical reports and research proposals

Education

B.S. or higher.   CS, EE, ME or related field

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.