ELECTRONICS ENGINEER I - LabVIEW DEVELOPER

Are you looking to use your LabVIEW skills in a fast paced, dynamic environment where the software you write will be used to strengthen our national defense? Exciting opportunities exist at Sensor Concepts Incorporated (SCI) located amongst the vineyards in the Tri Valley area. We are a company specializing in radar cross section (RCS) measurements with emphasis on radar systems, data reduction and analysis, algorithm development, and field measurements.

We are constantly innovating to produce next generation radar systems. Our research and development spans radar measurement techniques and analysis, positioning systems, image processing, machine learning and robotics. Despite the fact that we are a small company, our research and development culture empowers employees to extend the horizon of their knowledge and skills. If you are a motivated Electronics Engineer/LabVIEW Developer wanting to join a talented team, please apply to this position!

POSITION HIGHLIGHTS

The LabVIEW Developer's role is to develop, install, and support LabVIEW applications in systems incorporating a wide variety of technologies in an advanced multi-disciplinary engineering organization. You will be part of a multidisciplinary engineering team developing state-of-the-art software modules to drive various radar systems.

RESPONSIBILITIES

- Support engineering in design and test of radar system interface and control software.
- Assist in the development of graphical user interfaces for radar systems
- Support software interfaces to FPGA, Microcontroller, and DSP development to include C and Assembly code generation
- Assist in the design and development of software used for Production Testing

REQUIREMENTS

- 1-3 years of experience with LabVIEW view programming including experience contributing to a large scale LabVIEW project and LabVIEW UI customization
- Experience with National Instruments DAQ modules.
- Experience integrating .NET assemblies into LabVIEW
- Familiarity in the design of Test, Measurement, and Electronic Control Systems
- Experience working with software configuration management tools
- DSP and/or FPGA experience a plus
- Strong team-working and communications skills

OTHER SKILLS

- Familiar with a variety of engineering concepts, practices, and procedures
- Excellent writing and verbal skills
- Ability to work independently and as part of a small team
- Flexible and adaptable to meet changing needs within the department
- Ability to read and write schematic diagrams a plus
EDUCATION

Bachelors Degree in Electrical Engineering or Computer Science required.

Applicants selected will be subject to a government security investigation and must meet eligibility requirements for access to classified information which includes US Citizenship.

To apply for this position, please send resumes to recruiting@sensorconcepts.com

SCI is an EEO/AAP employer.