Nokomis Inc.

Nokomis Inc. is growing! We have immediate openings for Engineers, Programmers, and Scientists that are passionate, hard-working and experienced. We are a high growth technology company that works in the defense industry and we are a leader in the detection, identification, geo-location, and tracking of electronic components and devices. Nokomis is an emerging leader in cyber physical security and advanced defense engineering applications.

If this interests you, keep reading!

Position Requirements:
· Technical MS, PhD preferred; or BS with 5+ years of experience
· Must be a U.S. citizen and have the ability to gain and maintain a security clearance
· Strong analytical abilities and proven design skills
· Good written and verbal communication skills

Preferred Qualifications:
· Experience or academic work in high frequency/RF layout and Electromagnetic Interference (EMI) control
· Integration of software into hardware platforms
· Familiarity with software version control methods and documentation
· Degree in software, computer, electrical, or high frequency/RF engineering, computer science, engineering physics, math, or physics with 2-5 years' experience
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· Experience with
o Java / MATLAB
o .NET, C/C#/C++
o SQL
o Digital Signal Processing
o Circuit theory/board design
o Embedded Systems programming

o HF/UHF systems
o Sensor technologies
o Algorithms
o Software processing
o Engineering Documentation
o System Engineering

· Expertise with
o Field Programmable Gate Arrays (FPGAs)

o Digital signal processing (DSP) chips
o Firmware design for RF signal transformations

Primary Responsibilities:
· Conducting research on advanced electronic technologies
· Support Research and Development Engineering teams in design and data optimization for cyber-physical security and non-destructive characterization
· Design/develop software to control and implement advanced signal processing systems
· Design and implementation of simulations and algorithms for novel analyses of RF phenomena
· Design of experimental setups and data acquisition using Real Time Spectrum Analyzers, signal generators, anechoic chambers and related RF test equipment