

Job Title: Wireless Communications / Signal Processing Engineer

Location: Cincinnati, OH

Description:

GIRD Systems is seeking a Wireless Communications / Signal Processing Engineer for Cincinnati, OH. This person will design and implement waveforms and DSP algorithms that are conducive for implementation in software, firmware and hardware. Algorithm development will be focused on advanced modem design, with an emphasis on low signal to noise ratio, higher-order and/or adaptive modulations. We are looking for individuals who have demonstrated ability in innovative thinking and versatility in their jobs with experience in the following: novel DSP algorithm development, MATLAB proficiency, simulation and verification, proposal and report writing and building customer relationships. The individual will work within a team environment to achieve high efficiency in solving our customer's formidable challenges and meeting our customer's requirements objectives. The company has been going through steady growth and has been awarded many interesting and challenging projects.

We seek highly motivated, innovative and forward thinking individuals to grow with the company. We provide our employees with competitive compensation packages and a full range of benefits, including vacation/holiday, medical, dental, IRA match and tuition assistance.

Position: Contract to hire or full-time employment

Clearance Requirement: No, but US Citizenship is a prerequisite

Travel Requirements: This position will require overnight travel up to 10 % of the time

Relocation Assistance: May be provided/negotiable

Roles and Responsibilities:

- Demonstrated leadership skills/experience in systems engineering, communications theory, digital signal processing, performance analysis and technical team leadership
- Develop/model algorithms and design waveforms in MATLAB and C/C++
- Familiarity with signal processing systems, terrestrial/airborne/satellite transmitter and receiver design including acquisition, tracking and demodulation, link budget analyses, waveform mode adaptation
- Individuals with a background developing solutions for military/DoD customers is plus
- Provide concise explanation and design documentation of developed models to enable team members to understand/utilize models or algorithms for implementation
- Develop novel approaches for utilizing COTS and GOTS systems for creating processing solutions outside the intended use
- Deliver effective briefings and to work efficiently in a multidisciplinary team environment
- Travel to support events such as customer site support, proposals, industry days and tradeshow
- Proactively ensure a safe work environment and adhere to GIRD Systems policies and procedures

Qualifications:

Bachelor's degree and minimum 6 years of work experience or Master's degree and minimum of 3 years of work experience in Electrical/Computer Engineering specializing in wireless communications/DSP/RADAR/location systems in R&D, system design and new product development. Must be proficient in MATLAB and C/C++.

GIRD Systems is committed to hiring and retaining a diverse workforce. We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, age, religion, sex, national origin, disability status, protected veteran status or any other characteristic protected by law.