Principal Software Engineer

Summary:

Haigh-Farr is a premier antenna design, manufacturing and test house developing products used across all platforms in the aerospace industry including missions to Mars, the International Space Station and products fielded to the U.S. Military supporting the warfighter. In our over 50-year history we have enjoyed steady, planned growth. In 2021, Haigh-Farr plans to further grow our team and capabilities to meet increasing demand and to expand into new markets and antenna technologies.

Haigh-Farr is seeking a Principal Software Engineer who will develop new software for real-time data processing systems, push new technology into working systems, and help expand our growing RF systems product line. This engineer will be responsible for supporting multiple programs and platforms within our advanced product lines, while identifying software requirements, design, development, debugging, integration and testing.

Responsibilities:

- Research, design, and develop software systems in conjunction with hardware product development.
- Participate in all phases of the software development life cycle, including requirement analysis, design, implementation, integration, and test of software products.
- Apply computer science, engineering, and mathematical analysis concepts and principles in the development of the software for the target application.
- Collaborate with cross-functional members of engineering to develop and evaluate interfaces between hardware and software, and operational performance requirements, and design of the overall systems.
- Some travel may be required.

Qualifications:

- BS in Electrical, Computer, or Software Engineering or related discipline, Masters preferred.

- High-level expertise in embedded C, visual C (GUIs), Python/C#, Windows, Linux and embedded Linux environments.
- Matlab, Verilog, GIT/bitbucket, Instrument Control experience are a plus.
- 10+ years' experience in the design, development and test of software and software related products.
- U.S. citizenship required. Ability to obtain and maintain DoD SECRET clearance preferred.
- Experience with antenna systems preferred.

Job Benefits:

- Hands on environment where engineers are involved in all aspects of antenna design, production and test including: business development, design, manufacture, test, and customer support.
- Work with top tier customers including large government contractors and government organizations.
- Support exciting aerospace programs – our antennas have been to Mars!
- Work with leading RF professionals who are well respected across the industry.

Why should you join Haigh-Farr?

Haigh-Farr is a fast paced, growing company that recognizes employees with a promote-from-within philosophy. We believe in a friendly work environment where employee contributions are well received and a key component to our success. Our facility features state of the art technology and the latest manufacturing and testing capabilities. Please see more details about our benefits below.

- Competitive salary, commensurate with experience and capabilities.
- Health Insurance with Health Reimbursement Feature, Dental and Vision Insurance.
- Flexible Spending Accounts – Health and Dependent Care.
- Company Paid Disability Insurance and Group Term Life Insurance.
- Paid Vacation, Holidays, and Sick Time.

- 401K with Company Contributions.
- Company Sponsored Social Events – Pizza luncheons, golf outings, food trucks, BBQ's, and holiday parties.
- Wellness Prevention – Annual In-House Flu Clinic, Gym Membership discount through Health Insurance.

Life in Bedford, NH:

Haigh-Farr is located in beautiful *income* and *sales tax-free* southern New Hampshire, just outside of the state's largest city, Manchester. Bedford, NH is an excellent location that offers great schools, a low cost of living and convenient access to highways and the airport. You can find great dining and wonderful activities including a summer farmers markets, food truck festivals, and kid-friendly museums and parks all within the region. For the outdoor enthusiast, Bedford is about an hour drive east to the scenic New England coastline, and an hour drive north to explore the National Park and Lakes Region for various activities such as ice fishing, hiking and skiing. Boston is an hour drive south, and offers world-class dining, museums, professional sports and universities.

Relocation assistance is available.

Equal Opportunity Employer/Veterans/Disability