



## **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. 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 Mixed-Signal Engineer to develop integrated RF, Digital, and Analog HW that meets demanding customer requirements. This position will push new technologies into real world systems and help expand our growing active RF systems product lines. You will be supporting multiple programs and platforms within our advanced product area by designing, developing, debugging, and integrating high performance Digital and Analog Phased Array backends.

## **Required Qualifications:**

- BS in Electrical, Computer, or Software Engineering or related discipline
- Strong knowledge of:
  - Linux based embedded computing.
  - High Speed Digital Interfaces.
  - Sampled RF Systems and Circuit Designs.
  - Digital, Analog, and RF test equipment.
  - SMD/SMT passive and active electronics design and simulation.
  - Design, Bring Up, and Debug of high density PCBs.
- At least 5 years' experience in Embedded Linux and Mixed Signal RF systems.
- Sharp problem solving and critical thinking skills.
- U.S. citizenship required. Ability to obtain and maintain DoD SECRET clearance.
- Some travel may be required.

## **Desired Qualifications:**



- Experience with Antenna Systems and Software Defined Radios.
- Masters in EE, CS, or CE.
- High-level expertise in embedded numerical C, SIMD, BLAS, and HDL
- Solid understanding of at least 4 of the following: RF, Electro-Magnetics, Fast Rise Time Signals/Busses/Clocks, Low Noise Amplifiers, Analog and Digital Signal Processing, High Performance Computing, Mixed Signal Grounding Techniques.
- High-level expertise in Linux and embedded Linux environments.

### **Job Benefits:**

- Work in a hands-on lab environment where engineers are involved in all aspects of antenna design, production and test.
- Work with top tier customers including large government contractors and government organizations.
- Support exciting aerospace programs – our antennas have been to Mars!
- Collaborate 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.
- 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 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.

## **Equal Opportunity Employer/Veterans/Disability**