



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.

The PCB Layout Designer will own all ECAD (Electrical Computer Aided Design) aspects of defense and aerospace PCB design from proposal to fruition. As a member of the Electrical and Software engineering team, you will work closely with Electrical and Mechanical Engineers, and other departments as needed to implement the tangible output of the team's vision.

Responsibilities:

- A successful track record of high quality PCBs
- A broad understanding of electronic circuit layout and electronic packaging principles.
- Design/Capture, perform layout and routing of digital and analog high-density, multi-layer, printed wiring boards (PWB's).
- Initiate new designs using inputs from EE, ME, and SW.
- PCB design skills including RF, mixed signal, and mixed material technologies.
- Board PCB fabrication process knowledge.
- Working knowledge of IPC standards.
- Troubleshoot designs using analytical analysis.
- Ability to operate test equipment as needed to test, analyze, and improve PCB design performance and lab manufacturability.
- Select appropriate simulation software for design as needed.
- Solid knowledge of RF grounding techniques as applied to PCBs.
- Schematic capture, BGA experience



Requirements:

1. Associate Degree in Engineering Technology or equivalent desired.
2. Experience with PCB design software and tools, specifically Altium.
3. PCB design skills including RF and mixed signal/material/technology.
4. PCB fabrication process knowledge.
5. Working knowledge of IPC standards.
6. Experience with board verification tools
7. Experience with electrical lab equipment.
8. 5+ years of experience.
9. Proficient in Microsoft Office.

Desired Qualifications:

- Associate degree in Engineering Technology or equivalent.
- Experience with Oscilloscopes, Spectrum Analyzers, Network Analyzers
- Simulation using SPICE, HFSS, AutoCAD

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 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