

# Career Opportunity

## Embedded Firmware Designer



### About SignalCraft

Our mission is to build innovative products and provide expert engineering services in RF/mmWave and high-speed digital design. We empower customers across Test and Measurement, Aerospace and Defense, and Industrial Automation sectors to seize market opportunities with the help of our advanced solutions. Our integrated design and manufacturing expertise ensures product excellence in both lab and production environments.

We believe our people are our greatest asset. We take pride in cultivating a positive, rewarding, and supportive workplace where precision, adaptability, and innovation are at the heart of everything we do. Here, your skills and dedication are highly valued, and you have freedom to take the initiative and contribute creatively. Our environment fosters continuous learning and growth.

### About the Role

As an Embedded Firmware Designer, you will collaborate with a multidisciplinary, highly motivated team of professional and innovative developers dedicated to pushing the boundaries of advanced embedded systems. You'll play a pivotal role in designing, implementing, and testing firmware solutions that form the heart of our products.

### Majors Areas of Responsibility

- Work in small teams to architect, develop, and test embedded control systems
- Optimize software performance to ensure peak performance and proficiency
- Write quality code, adhering to best practices and coding standards
- Collaborate with cross functional team members to verify and validate system functionality

### Qualifications Required

- Minimum 3-5 years of design experience
- Proficient in embedded software design and development
- Experience with integrated development environments, version control systems, and issue tracking tools
- Demonstratable troubleshooting and problem-solving skills
- Familiarity with Bare Metal, Embedded Linux or other embedded OS environments
- Ability to work collaboratively in a team and individually

### Qualifications Preferred

- Experience with the full lifecycle of software development, from concept to delivery and maintenance
- Understanding the constraints of embedded environments and experience developing cross-platform, portable software
- Ability to analyze code in terms of performance and memory footprint
- Familiarity with high frequency circuits and systems
- Experience with other programming languages and tools, such as Python, LabVIEW, and shell scripts
- Ability to communicate complex ideas, provide technical leadership, and support decisions with relevant, clearly presented data

### Why Work for SignalCraft?

- Positive, encouraging team environment; supportive leaders; interesting and varied work with cutting-edge technologies
- Competitive salary and vacation, flexible work hours
- Full health benefits, including dental coverage
- Access to onsite gym, free parking, indoor locked bike cage

Ready to make an impact? Take the next step in your career with SignalCraft and discover why our team loves what they do. Learn more about us at [www.signalcraft.com](http://www.signalcraft.com). Apply today at [jobs@signalcraft.com](mailto:jobs@signalcraft.com)