



Senior Embedded Software Architect/Engineer

Work for a dynamic and growing company developing advanced technologies for customers with challenging radio frequency and networking needs. Our ideas and products are revolutionizing the military and commercial use of spectrum.

Position Description

Perform as a senior member of a software team developing the next generation of both commercial and military wireless networking: an advanced communication system built upon innovative spectrum sharing methodologies capable of transparently underlying a wide variety of wireless technologies. Participate in the entire software product life cycle in including architecture of the real time embedded system. Provide technical oversight of junior team members, subcontractors, and/or vendors.

Responsibilities

- Responsible for the architecture, design, development, debugging, and technical documentation of an innovative spectrum access system
- Interact with internal and external engineering teams on a regular basis to design and create interfaces with other system elements
- Participate in both internal and external technical reviews

Experience Requirements

- 5 - 10+ years of related experience as a Senior Software Engineer in embedded system architecture, design and development
- High proficiency in Linux working environment and operating system, RFSoc, C and C++
- Extensive experience in Software Defined Radios, wireless modems and networking systems
- Extensive experience in developing and supporting real-time embedded systems with particular attention to meeting performance requirements
- Knowledge of full software development life cycle including configuration control, defect tracking, release and deployment process, and support requirements
- Strong verbal and written communication skills

Education and Other Qualifications

- BSCS or EE required, MS preferred
- U.S. citizenship required

We Offer

- Competitive pay and benefits package
- Medical insurance

- 401(k) plan
- Paid vacation and holidays
- Free parking
- Easily accessible to DC and VA

The ideal candidate would live in or around the Northern Virginia/Greater Washington DC area.

To Apply

Email resume and letter of interest to jobs@sharedspectrum.com
or fax to the attention of HR at 703-761-2817

Company Description

Shared Spectrum Company (SSC) is a pioneer in the development of innovative wireless signal spectrum sharing concepts and is seeking highly qualified professionals to be key components of a team in developing advanced technologies that will revolutionize the military and commercial use of wireless networking using innovative spectrum sharing capabilities. SSC performs research and development to demonstrate leading edge solutions to some of the most challenging technical and policy issues involving dynamic allocation and shared use of the communications spectrum. This is a unique opportunity to gain invaluable experience in one of the most important technological advancements in wireless communications technologies today.

SSC is an Equal Opportunity Employer.