



## **Wireless System Engineer/Analyst**

### **Position Description**

Seeking highly motivated entry and mid level individuals who will perform as part of a dynamic team developing the next generation of commercial and military wireless networking. The successful candidate will develop simulation models for evaluating predicted system performance, design signal processing software, and support system test and evaluation for advanced communication systems built upon innovative spectrum sharing methodologies. Participate in the entire product life cycle including system architecture development, signal processing designs, and hardware test and evaluation.

### **Responsibilities**

- Develop simulation models to evaluate system performance under a range of RF signal environments and conditions
- Conduct analysis of system and signal processing component performance from simulation and hardware testing
- Participate in hardware testing in laboratory and field test environments
- Develop Graphical User Interfaces for test articles and to automate test environments
- Develop data analysis models for processing test and measurement data
- Understand customer and/or project needs to design and implement system components, define test plans, and design data analyses.
- Interact with internal and external engineering teams to define, implement, and debug software interfaces with other system elements

### **Experience Requirements**

- Required: Wireless communication system and signal processing modeling
- Required: Proficiency in MATLAB and/or Python
- Wireless communication system hardware testing in a lab environment
- Experience in design and development of Software Defined Radios
- Strong verbal and written communication skills

### **Education and Other Qualifications**

- Required: US citizen
- BSCS or EE, MS preferred
- DoD SECRET clearance (a plus, but not 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 (walking distance to Spring Hill Metro station)

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

## **To Apply**

Email resume and letter of interest to [jobs@shedspectrum.com](mailto:jobs@shedspectrum.com)

## **Company Description**

Shared Spectrum Company (SSC) is a pioneer in the development of innovative wireless advanced technologies that are revolutionizing the military and commercial use of spectrum. SSC has a unique technology culture focused on technical excellence, innovation and execution. 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.