Job ID: 03

Job Title: Wireless Network Engineer
Organization Name: MITRE Corporation
Clearances: Top Secret
Travel: 10%

Job Highlights:
MITRE’s Communications Network Engineering and Analysis Department seeks a passionate Wireless Networking Engineer to perform design, analysis, experimentation, and/or modeling and simulation of wireless networks supporting various US government initiatives. This is an excellent opportunity to leverage your technical expertise, thought leadership and insights to solve our customers’ most complex problems. You will work with a team of highly skilled engineers on wireless networking projects.

Key Functions:
- Perform systems engineering, analysis, and experimentation
- Evaluate the performance of MAC and higher layers of wireless networks
- Propose and contribute to R&D initiatives
- Participate in commercial and government wireless working groups

Qualifications:
Required:
- BS in Electrical Engineering
- Familiar with TDMA, CDMA, CSMA, OFDM and OFDMA
- Knowledge of wireless networks, protocols and standards (e.g. W-CDMA, Bluetooth, GPRS/EDGE, WLAN, MANET, 4G LTE) is desirable
- Familiar with networking Protocols (e.g. TCP, IP, BGP, OSPF, MPLS, MANET)
- R&D and analysis interest and experience
- Possess excellent written and verbal communication, and presentation skills
- Work well in a collaborative team environment
- Self-motivated to learn new technologies and flexible to support tasking in a variety of areas
- Ability to obtain/maintain a DoD Secret Clearance (U.S. Citizenship required)

Desired:
- MS or PhD degree in Electrical Engineering or related field with 3 years of experience
- C/C++, scripting languages, or Java programming experience
- Modeling and simulation experience using commercial tools (e.g. Riverbed/OPNET, MATLAB, QualNet, STK)
- Hands-on test and evaluation experience

The MITRE Corporation