Juniper Networks

Posting Title: Intern: Software Engineer for Junosphere
ID #: 923445
Location: USA - Massachusetts
Regular/Temporary: Temporary

RESPONSIBILITIES:
- Construction of virtual topologies
  Location: Westford, MA

We are seeking interns to work in our Westford, MA corporate location in the area of network virtualization and simulation working on various projects in the Junosphere engineering team. Junosphere is a unique cloud-based, virtualization environment where multiple virtual network devices can be connected and configured to create network topologies. In this role, you will gain valuable hands-on experience in software development, large-scale networking environments, virtualization and software reliability methodologies.

ROLE AND RESPONSIBILITIES:
- Use the virtual capabilities of Junosphere to build proof-of-concept topology labs to demonstrate performance and features of diverse network elements and tools inside the Junosphere ecosystem
- Operational Test and Documentation of developed topologies
- Syntax update of legacy topologies

REQUIREMENTS:
- Hands-on experience working with switches, routers and firewalls
- Good understanding of TCP/IP fundamentals and commonly used routing protocols (OSPF, BGP) – (CS 3516 Computer Networks or equivalent is a requirement)
- Some experience using GNS3-Dynamips is a plus
- LAN and WAN troubleshooting skills
- Excellent documentation skills
- Strong communication, interpersonal and organizational skills.
- Able to work well independently and on a team, self-starter experience a plus as these projects are short in time and small in scope
- Scripting and programming expertise

WHERE WILL YOU DO YOUR BEST WORK?
Wherever you are in the world, whether it’s downtown Sunnyvale or London, Westford or Bangalore, Juniper is a place that was founded on disruptive thinking – where colleague innovation is not only valued, but expected. We believe that the great task of delivering a new network for the next decade is delivered through the creativity and commitment of our people. The Juniper Way is the commitment to all our colleagues that the culture and company inspire their best work—their life’s work. At Juniper we believe this is more than a job - it’s an opportunity to help change the world...