Juniper Networks
Intern: Software Engineering
ID #:  923491
Location:  USA - New Jersey
Traffic Sampling Project
Regular/Temporary:   Temporary

Responsibilities

Location: Bridgewater, NJ

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 quality and reliability measurements.

ROLE AND RESPONSIBILITIES:
• Implementation of various algorithms for mapping real-world networks and traffic patterns to the virtualized environment.

REQUIREMENTS:
• Minimum 1 year of experience working with switches, routers and firewalls
• Good scripting and programming expertise in Perl, Java, Javascript, or python
• Some understanding of TCP/IP fundamentals and commonly used routing protocols (OSPF, BGP).
• Must have good LAN and WAN troubleshooting skills.
• Familiarity with Unix and related tools
• 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.

ABOUT JUNIPER NETWORKS
Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. Our products and technology run the world’s largest and most demanding networks today, enabling service providers, enterprises, and governments to create value and accelerate business success. Everyday our 9,000+ colleagues come together across 46 countries to realize our company vision – Connect Everything, Empower Everyone. We are innovating in ways that empower our customers, our partners and ultimately, everyone, in a connected world. These customers include the top 130 global service providers, 96 of the Fortune 100 and hundreds of public sector organizations.

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...