Job Description

Posting Title: Intern: ASIC Engineering
ID #: 923488
Location: USA - Massachusetts

Responsibilities

Description:
Work as part of the Juniper ASIC development team and contribute to cutting edge silicon development while you help create the next generation of high-end networking chips for Juniper’s switches and routers. The ASICs being developed push the boundaries of the latest technologies in size, speed, complexity and performance. This is a great opportunity to learn industry standard tools and development methodologies while working alongside experienced ASIC Designers.

Key Responsibilities include:
- Verification of ASIC logic designs using Universal Verification Methodology (UVM) and System Verilog
- Development of new System Verilog tests within an existing test environment
- Expansion of existing verification environment infrastructures
- Learning and using standard code and functional coverage tools to identify and close gaps in testing
- Running test regressions and contributing to root cause analysis of RTL failures

Requirements:
- Enrolled in a BS/MS program in Electrical or Computer Engineering
- Experience with Verilog or System Verilog
- Experience with C/C++
- Familiar with Unix/Linux environment
- Familiar with scripting languages (Perl / shell scripting)
- Available to work full time through the summer

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...