QA internship

Requirements:
- Good understanding of networking standards such as Ethernet and IPv4/v6 concepts.
- Understanding of Layer 2/3 protocols, frame formats etc.
- Enthusiasm for learning new technologies.
- Ability to install, configure & debug networking devices.
- Ability to understand business and functional requirements.
- Strong written and verbal communication skills (English).
- Familiarity with Microsoft Word, Excel.

Would be a plus:
- Relevant networking certifications (CCNA / CCNP / JNCIA / Comp TIA).
- Basic Linux / UNIX knowledge.
- Basic scripting knowledge (TCL / Perl / Python)

Knowledge that will be obtained during the internship:
- How to configure and troubleshoot various Layer 2-3 networking protocols (such as: IPv4, IPv6, DHCP, PPP, L2TP, IGMP, PIM, 802.1x, FCoE, Virtualization, ATM) in Cisco or Juniper devices.
- How to perform research and write small-to-medium test strategy documents using company's templates and following feature specification and design document.
- How to design and execute small features test cases to cover functional, scalability, performance and characterization for the specific feature assigned.
- How to perform unit, system integration and regression testing according to the tasks defined by the project planning.
- How to perform root cause isolation, troubleshooting, edit bug report, bug fix verification.
- How to understand of QA methodologies and product lifecycle.
- Large exposure to the networking world, working with latest technologies on the market and helping in developing next generation data networks.

Activities during the internship:
A Quality Assurance Engineer ensures that the Software and Hardware solutions developed by the company meet the customer expectations and are creating customer delight.

Specifically, you need to be able to:
- Execute test cases to cover functionality and performance of various networking standards (Layers 2-3) on Ixia systems.
- Track test progress, report results, forecast risk areas.
- Work closely with developers and Senior QA Engineers in developing new products and innovative test scenarios.
- Set up automation test environment to improve efficiency.