

# Benjamin D. Long

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**Objective:** To obtain a challenging position in network engineering, systems administration, quality assurance, or a related field that will utilize my six years of work experience and varied course work.

## Experience:

### 2005 to 2013 – Sr. Test Engineer

University of NH Interoperability Laboratory Durham, NH

- Progressed from entry-level test assistant to a senior member of the Interoperability Lab. Corresponded with and provided consultative services to customers of the Lab on all matters related to testing of their products and general protocol related questions.
- Tested routing and IPv6 related protocols for quality assurance, conformance and interoperability against IETF standards. Some specific products and systems tested include: Cisco routers, Juniper, Alcatel-Lucent, Enterasys, Procurve, Brocade, Nortel, Hitachi, IP Infusion/ZebOS, and 3Comm. Some operating systems and hosts tested include: Windows, Linux, OS-X, HP-UX, IBM, Konica Minolta, and InfoWeapons. Very familiar with most DHCPv6 implementations.
- Maintained several test suites including DHCPv6, RIP/RIPng, OSPF, TCP, BGP, and PIM-SM.
- Wrote test scripts for DHCPv6. Developed TCP test scripts. Project leader for the OSPF conformance test suite. Wrote BGP conformance test scripts. Maintained test scripts for all UNH IOL Routing Consortium. Oversaw scheduling and coordination of testing for the Routing Consortium. Developed testing guides to improve testing throughput and aid new testers.
- Assisted with group test events featuring many customers on-site simultaneously, testing for interoperability.
- Contributed to web site development for UNH IOL. Developed server tracking web tool to coordinate device usage.
- Familiarity with ISO 17025.

## Education:

**University of NH** – completed 3 years towards BS in Computer Science

**Great Bay Community College** – AS in Information Technology (2008) with high honors, member of Phi Theta Kappa Honor Society

**Exeter High School** – graduated with honors

**Seacoast School of Technology** – graduated at top of class, awarded Langdon Plummer Medal, member of National Technical Honor Society

**Certifications:** CCNA, FOA Certified Fiber Optic Technician/FTTx Technician

**Languages:** C, C++, Java, TCL, Bash, PHP, HTML, MySQL,

**Other Achievements:** Eagle Scout with one palm