

Brett Smith

15 Hampstead Road, Merrimack, NH, 03054
Linkedin: <https://www.linkedin.com/in/brett-smith-ba170b150/>
(603)521-2383 bcs1001@wildcats.unh.edu

EDUCATION

University of New Hampshire - Durham, NH

Expected: May 2019

Bachelor of Science: Electrical Engineering

TECHNICAL SKILLS

Software: NI Multisim (SPICE-Based simulator), Logisim, Microsoft Office
Software Languages: Matlab, C, and Assembly programming languages (working knowledge)
Hardware Tools: Digital Oscilloscope, Signal Generator, Spectrum Analyzer
Personal Skills: Problem Solving, Ability to collaborate in teams, Self-Motivated

INDUSTRY EXPERIENCE

UNH Interoperability Lab – Durham, NH

May 2017 - Present

Level II Test Engineer - DSL Technologies Consortium

- Responsible for training new electrical and computer engineering student employees in multiple BBF test suites
- Lead of development team for a British Telecommunications test plan
- Exposure to test equipment development including attenuators, loop configurations, and jigs
- Extensive use of device command-line interfaces

UNH Interoperability Lab – Durham, NH

April 2016 – May 2017

Level I Test Engineer - DSL Technologies Consortium

- Extensive equipment debugging with customer test engineers both in person and remotely
- Development and upkeep of procedural reference documents, device operational guides, and official report forms
- Updated and maintained Matlab based PSD and Longitudinal Conversion Loss measurement software
- Collaborative work with software engineers to develop automation software and necessary device drivers
- Testing knowledge of multiple Broadband Forum test suits

RELATED COURSEWORK & PROJECTS

Course Work

- Electronic Design, Signals and Systems, Engineering Analysis, Computer Organization, Digital Systems

PERSONAL PROJECTS & INTERESTS

- Snowboarding and wakeboarding
- Custom mechanical keyboard with custom firmware using an ARM based microcontroller