Griffin Leclerc

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Education

University of New Hampshire at Durham, NH

M.S. Computer Science	Expected May 2023
B.S. Computer Science, GPA: 3.71	May 2021

Technical Skills

Programming Languages:	Java, Python, Scala, C, C++, XML, HTML, Bash, Matlab, C#, SQL, TCL
Software:	Git, Jira, Bitbucket, Jenkins, Gradle, Ant, SVN, Linux/Unix, JUnit, Restful API
Hardware:	Traffic Emulators/Generators(Spirent, Ixia), Consumer focused computing, High performance computing clusters, Analog audio, Network Switching, Raspberry Pi, Arduino, Embedded systems
Protocols:	NTP, NTS, IEEE 1588, 802.1Q, 802.1AS, 802.1BA, 1722.1, TCP/IP, VLAN

Professional Experience

University of New Hampshire Interoperability Lab   **Durham, NH**

Lead Developer   May 2019 - Present
- Developed segments of testing tools used worldwide by the Automotive and Professional Audio industries
- Made new and significant contributions to 802.1Q, IEEE1588 Power Profile and Milan networking standards
- Collaborated with industry design engineers in development of AVB capable switches and endstations
- Supervised and trained fifteen undergraduate employees and three summer interns
- Actively participated in the Human Resources, STEM, and Communications committees

Developer   December 2016 - May 2019
- Developed and maintained features for Violett, a Time Sensitive Networking testing tool
- Performed maintenance on regression tests and automated build scripts
- Assisted with creation of REST implementation for remote tool use
- Managed and trained two student employees and nine summer interns

Technician   June 2016 - December 2016
- Performed detailed conformance testing of prototype products
- Interfaced with engineers and developers of the Time Sensitive Networking vendor community
- Updated and reviewed standardized test suites
- Wrote technical conformance and interoperability reports for vendor certification
- Represented the IOL for middle and high school outreach and recruitment

Intern   August 2015 - April 2016
- Wrote leap second conformance tests and GUI tests for internal testing tools
- Selected from a field of 42 high school applicants

Leadership

University of New Hampshire Interoperability Lab   **Durham, NH**

IOL Student Leadership Award, 2018 and 2019
- Elected from a body of 100 student employees for two consecutive years

Consortium Scrum Master   May 2019 - Present
- Primary vendor contact for Avnu consortium vendors
- Managed weekly testing reservations, ensuring deadlines were met and results were accurate

Tech Camp Instructor   July 2018 - August 2019
- Instructed 20 UNH Summer Campers in Networking Protocols, Python Scripting, and Circuit Construction
- Designed and constructed a capstone project to demonstrate camper's newfound practical knowledge

Boy Scouts of America, Troop 292   **Hooksett, NH**

Eagle Scout   March 2015