Griffin Leclerc

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Education

University of New Hampshire at Durham, NH

M.S. Computer Science   Anticipated 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:	Consumer and High performance computing, Network Switching, Raspberry Pi, Arduino, Protocol Emulators (Spirent, Ixia), Embedded Systems, Computer Vision
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 additions to 802.1Q, IEEE1588 Power Profile and Milan networking standards
- Collaborated with industry design engineers in development of AVB capable switches and endstations
- 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

Technician   June 2016 - December 2016
- Performed detailed conformance testing of prototype products
- Interfaced with engineers and developers of the Time Sensitive Networking vendor community
- 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 IOL employees for two consecutive years
- Supervised and trained 17 IOL student employees and 11 interns over the course of employment

Consortium Scrum Master   May 2019 - Present
- Primary vendor contact for Avnu consortium members
- Managed weekly testing reservations,ensuring accuracy and on-time delivery

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 participant's newfound practical knowledge

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

Eagle Scout
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Projects, University of New Hampshire

Senior Capstone   September 2020 - June 2021
- Designed, documented, and developed a High Performance Computing cluster for use by UNH researchers