

Griffin Leclerc

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603-540-7703

Education

University of New Hampshire at Durham, NH

M.S. Computer Science

Anticipated May 2023

B.S. Computer Science, GPA: 3.73

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: IEEE 1588, NTP, NTS, 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
- Attended numerous committee meetings to provide professional input
- Actively participated in the Human Resources, STEM, and Communications committees

Developer

December 2016 - May 2019

- Developed and maintained features for Violet, 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

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