

Griffin Leclerc

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603-540-7703

Education

University of New Hampshire at Durham, NH

M.S. Computer Science, GPA: 3.98/4.0

Anticipated December 2022

- *Speaker, "Experimental Analysis of the Performance and Scalability of Network Time Security for the Network Time Protocol," IEEE ISPCS (2022)*

B.S. Computer Science, GPA: 3.73/4.0

May 2021

Technical Skills

Languages: Java, Python, Rust, Scala, Bash, LaTeX, C, C++, Go, HTML, R, Matlab, C#, SQL, TCL

Software: Git, Jira, Bitbucket, Jenkins, Gradle, Docker, Maven, Ant, SVN, Linux, JUnit, Restful APIs

Hardware: Network Switching, Raspberry Pi, Consumer and High performance computing, Arduino, Protocol Emulators, Traffic Generators, Embedded Systems, Computer Vision

Network Protocols: NTS, NTP, 802.1Q, 802.1BA, 802.1AS, C37.238, 1722, TLS, IEEE 1588, TCP/IP, VLAN

Professional Experience

University of New Hampshire Interoperability Lab (IOL)

Durham, NH

Graduate Research Assistant / Lead Developer

May 2019 - Present

- Developed segments of certification tooling used worldwide by Automotive / Professional Audio industries
- Made new and significant additions to IEEE 802.1Q, 802.1AS, and C37.238 networking standards
- Collaborated with industry design engineers in development of AVB capable switches and endstations
- Provided technical input during weekly industry standards organization committee meetings
- Key role in the HR, STEM, and Communications committees targeting student recruitment

Software Developer

December 2016 - May 2019

- Developed and maintained features for Violet, a Time Sensitive Networking device certification tool
- Performed maintenance on regression tests and automated build scripts
- Assisted with creation of REST implementation for remote control of Violet

Technician

June 2016 - December 2016

- Completed product prototype conformance testing, created and defended certification reports
- Primary interface for engineers and developers of the Time Sensitive Networking vendor community
- Represented the IOL for middle and high school outreach and summer intern recruitment

HighTech Bound High School Intern

August 2015 - April 2016

- Wrote leap second conformance tests and GUI tests for internal testing tools
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Leadership

University of New Hampshire Interoperability Lab

Durham, NH

HighTech Bound Summer Internship Program Supervisor

July 2022 - August 2022

- Developed and managed a six week network technology immersion program for ambitious seniors

Student Leadership Award, 2018 and 2019

- Chosen by the IOL Board of Directors from a body of 100 IOL employees for two consecutive years
- Mentored, supervised and trained 20 IOL student employees and 19 interns over 6 years of employment

Consortium Scrum Master

May 2019 - Present

- Primary vendor contact for Avnu and Open Alliance consortium members
- Managed weekly testing reservations, ensuring accuracy and delivery commitments

UNH Tech Camp Instructor

July 2018 - August 2019

- Mentored 20 UNH Summer Campers in Networking Protocols, Python Scripting, and Circuit Construction

Eagle Scout, Boy Scouts of America, Troop 292

Hooksett, NH

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