SAMUEL HOWARD

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EDUCATION

University of New Hampshire (UNH) – Durham, NH   **Expected: May 2026**
Computer Science: Cybersecurity
Related Coursework: Cloud Computing Principles, Software Security, Cybersecurity Practices, Data Structures and Algorithms, Computer Organization and Systems Programing

TECHNICAL SKILLS

Computer Languages: C, Java, Python, HTML/CSS
Technical Skills: Cloud Computing (AWS, Azure, GCP), IEEE Ethernet Testing, MongoDB, Google Workspace, Microsoft Office Suite

RELATED PROJECTS

Network Behavior – Durham, NH   **August 2025 – May 2026**
Project Leader
- Engineered a Python automation pipeline to parse and process 1,000,000+ line network traffic log files across the school's infrastructure, replacing a manual review workflow and reducing processing time significantly
- Implemented a threat classification system that identified and surfaced "critical" severity security events, enabling faster incident response for network administrators
- Developed a full-stack web application using Flask and HTML to serve as a centralized dashboard for log data, providing an intuitive interface for real-time data extraction and event review

RELATED EXPERIENCE

UNH Interoperability Laboratory – Durham, New Hampshire   **January 2023 – Present**
Senior Baseband Test Technician
- Performed detailed testing of Ethernet Protocols to ensure compliance with IEEE 802.3 Standards
- Collaborated with vendors to verify interoperability between different Ethernet products
- Managed testing schedules and coordinated with customers to meet tight project deadlines
- Developed custom test plans to meet client-specific requirements for Ethernet device certification

LEADERSHIP ACTIVITIES

Outward Bound Leadership Semester – Leadville, CO   **February 2021 – April 2021**
Student
- Leadership intensive 55 day backpacking and canoeing expedition in the Colorado Rocky Mountains and various locations in the Utah desert
- Learned leadership, teamwork and decision-making

ADDITIONAL EXPERIENCE

Granita Enoteca – Keene, NH   **November 2021 – January 2023**
Chef de Cuisine
- Executed consistently under high pressure situations, maintaining precision and speed during full service rushes while upholding the quality standards expected by an upscale clientele
- Partnered with professional chefs, coordinating timing and communication across stations to ensure seamless, synchronized execution