Sam Muldrow

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EDUCATION

University of New Hampshire - Durham, NH
Expected: May 2024
Major: *Computer Science - Cybersecurity*
Minor: *Design Studies*

RELATED COURSEWORK

- IT 666: Computer Security
- CS 725: Computer Networks
- CS 620: Operating Systems

TECHNICAL SKILLS

- Node.Js, Python, C, .NET, C++
- HTML/CSS, Typescript, AngularJS, React, Linux
- Broadband Technology, Git, BitBucket, Jira, Google Cloud

RELATED PROJECTS

Jybe.gg - https://jybe-c4974.web.app/
Creator/Developer
- Built a complete full stack web application for transferring files, photos, and text between multiple devices.
- Used HTML/CSS, Javascript, and the Google Firebase cloud platform to handle authentication, and database management.

EXPERIENCE

University of New Hampshire InterOperability Laboratory - Durham, NH
December 2020 – Current
Broadband Technician & Developer
- Develop commercially available DSL/G.Fast/GPON testing software: *Test Sentinel*, and collaborate using tools like Jira and Git.
- Perform tests on DSL modems to make sure they conform to industry specific Broadband Forum standards and put together professional reports.
- Communicate with vendors and other broadband industry professionals.

Onshape - Boston, MA
June 2022 - August 2022
Frontend Application Developer Intern
- Developed improved Angular.JS thumbnail components to increase web performance.
- Developed frontend implementations to back-end document sharing API endpoints.
- Learned and participated in the agile development process.

AWARDS

August 2021
- UNH-InterOperability Lab Star Winner