

## Recent Projects

Explore my website for a full listing of my projects as well as relevant links for them [setharvila.com/projects](https://setharvila.com/projects)

### WiFi Monitor

- Created a system that monitors a WiFi connection to determine if the network is connected to the internet and restarts the modem automatically.
- Engineered all aspects of the system including the enclosure, software, and electrical systems.

### HourCalc

- Developed a tool that has been and continues to be used by my coworkers that allows them to maximize their working hours while remaining within their budgeted hours.
- Enhanced my skills in HTML, CSS, JavaScript as well as GitHub.



## Endorsements

I believe in producing high quality work, maintaining my commitments, and going above and beyond to serve my team. Here is what some of my past employers have said about my work. View their full statements at [setharvila.com/endorsements](https://setharvila.com/endorsements)

"He has taken on leadership roles inside our organization and has proven himself again and again, earning the respect and trust of everybody who has worked with him. He has consistently exceeded expectations, proving himself to be a highly dedicated, responsible, and capable professional.

*Daniel Erichsen, AV Experience Coordinator, North Dakota State University*

"His ability to quickly grasp complex technical concepts and apply them practically has been evident in every project he has undertaken. He has consistently demonstrated an innovative approach to problem-solving, always eager to learn more and improve his skills."

*Paula Prill, Instructor and Director of Performing Arts Center Programming, New London - Spicer School District*

## Recent Experience

### AV Technology Student Manager

North Dakota State University, Fargo, ND | November 2022 - Present

- Used skills in team and project management to guide a team of 13 student employees to success in the daily operation and maintenance of over 150 classrooms, and many departmental spaces.
- Expanded skills in resource management by coordinating projects and team members to successfully maintain, troubleshoot, and install equipment that impacts nearly 13,000 students and 2,000 faculty members.

### AV Technology Technician

North Dakota State University, Fargo, ND | February 2022 - Present

- Enhanced skills in communication by communicating complex AV problems in classrooms to instructors and other guests in classroom and presentation spaces.
- Developed skills in teamwork and coordination by using a ticket system and communication platforms to manage and communicate problems with multiple departments and workgroups consisting of over 100 IT employees.

### Lead Auditorium Technician

New London - Spicer School District, New London, MN | May 2018 - July 2021

### District Technology Assistant

New London - Spicer School District, New London, MN | December 2015 - July 2021

- Worked in the day-to-day operations of all technology, including networking, VoIP, infrastructure, client device maintenance and administration for a K-12 school consisting of over 1,200 students and 200 faculty members.
- Grew problem solving and coordination skills while being a part of the implementation of many new technologies including Google Workspace, ticket system, Jamf MDM, Uniflow printing, one-to-one student device distribution.
- Developed effective and broad customer service skills working with students of all ages, parents, administrators, and community members to address current needs and challenges.

## Education

### Bachelor of Science - Computer Science (Focus in Software Engineering)

North Dakota State University, Fargo, ND | Anticipated Graduation: May 2025

### Associate of Applied Science - Networking and Systems Administration

Ridgewater College, Willmar, MN | Graduated May 2021