

# Albert Weiner

[Github](#) || [LinkedIn](#) || [aigreenboy@gmail.com](mailto:aigreenboy@gmail.com) || 218-576-8223

<https://www.unfunky.xyz/>

## Summary

Detail-oriented Technical Specialist with a strong foundation in Networking and Cybersecurity. Proficient in Linux (Debian/Arch) and Windows, Docker, Powershell, and modern infrastructure technologies, combining advanced technical training with a background in high-pressure operations and maintenance. Skilled at troubleshooting hardware, software, and physical systems under demanding conditions. Seeking to apply a disciplined and analytical approach to a professional role within the broader IT and Security space.

## Educational Experience

Minneapolis Community and Technical College | Minneapolis, MN

A.A.S. Computer Networking | Graduated: December 2025

A.A.S. Cybersecurity | Graduated: December 2025

A.S. Mathematics | Graduated: May 2025

Certifications | In progress

CompTIA Security+ (In pursuit)

ComptIA CySA+ (In pursuit)

IPC 7711/21 & IPC 610 (In pursuit)

## Technical Projects: Homelab & Network Infrastructure

<https://github.com/aigreenboy/homelab-infrastructure>

This repository documents a production homelab environment designed with enterprise-grade security practices and modern infrastructure patterns. The infrastructure emphasizes defense-in-depth security, network segmentation, automated monitoring, and containerized service deployment.

Key Principles:

- Defense in Depth: Multi-layer security architecture
- Network Segmentation: VLAN isolation for trusted and untrusted devices
- Zero Trust: Deny-by-default posture with granular access control
- Observability: Comprehensive monitoring and alerting infrastructure
- Infrastructure as Code: Containerized services with declarative configuration

External Access:

- Dashboard: [home.unfunky.xyz](http://home.unfunky.xyz) (Cloudflare Zero Trust protected)
- Monitoring: [grafana.unfunky.xyz](http://grafana.unfunky.xyz) (GitHub OAuth authentication)

## Technical Skills

### Networking

VLAN segmentation , TCP/IP, VPN (Tailscale mesh) , DHCP/DNS, OpenWRT , Remote Administration.

### Cybersecurity

Network hardening , SSH key-based authentication , Deny-by-Default posture , MAC address filtering.

### Infrastructure & Virtualization

Docker Compose , Portainer , YAML configuration , SFF server architecture , NVMe integration.

### Monitoring & Data

Grafana (telemetry & metrics) , Syncthing (data sync) , System-level snapshots , Uptime tracking.

### Physical & Electrical

240V power distribution , High-PSI infrastructure , Hardware troubleshooting , Mechanical diagnostics.

### Operational Tools

Linux CLI , Specialized hand/motorized tools , Heavy equipment (Kubota/Toolcat/Trucks) , Chemical testing & safety.

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## Technical and Maintenance Experience

– **The Loppet Foundation** | November 2025 – Present

**Hardware Maintenance & Diagnostics:** Managed a fleet of **SMI fan guns** (60A and 30A models); performed on-unit troubleshooting and mechanical adjustments to ensure 24/7 operation.

**Field Monitoring:** Conducted manual system checks using physical pressure dials and gauges to monitor equipment health and output in extreme winter environments.

**Power Distribution:** Supported the deployment and maintenance of **240V electrical supply lines** and distribution points across a 7km trail system.

**High-Pressure Infrastructure:** Handled the setup and operational monitoring of high-PSI water lines and hydrants, ensuring secure connections and system integrity during snowmaking cycles.

**Systematic Deployment:** Executed the phased layout of snow infrastructure, coordinating the movement of heavy equipment and hardware to meet operational deadlines.

– **Minneapolis Parks and Recreation Board** | May 2025 – August 2025

**Multi-Site Logistics:** Managed facility maintenance and grounds-keeping across the "Upper South" service area, covering the West River Parkway from Bohemian Flats to Lock and Dam 1.

**Environmental Monitoring:** Collaborated with a team to perform systematic chemical testing of 5+ aquatic facilities; verified and logged chlorine and alkalinity levels to ensure strict adherence to health and safety standards.

**Equipment & Fleet Operations:** Safely operated and performed basic upkeep on a variety of vehicles and machinery, including **Trucks, Toolcats, and Kubota units**, to complete regional maintenance tasks.

**Infrastructure Maintenance:** Utilized a range of specialized tools, including motorized saws and drills, to maintain and repair park hardware and physical assets.

**Team Collaboration:** Worked within a coordinated team environment to prioritize tasks and ensure high-traffic public areas remained operational and safe.