

# Alex Morris

Systems Engineer

📍 Little Rock, AR  
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## PROJECTS

<https://alexmorris.dev/>  
Portfolio site using Jekyll & Gitlab Pages.

<https://paste.heretic.dev/>  
An End-to-End-Encrypted Self-Hosted Paste Service.

<https://send.heretic.dev/>  
An End-to-End-Encrypted Self-Hosted File Service.

<https://grimoire.heretic.dev/>  
My book of spells & incantations for the modern technomancer.

**Segmentation\_Fault**  
A 3D Exploration Game made in GoDot.

<https://start.mainframe.computer/>  
A simple start page.

<https://start.heretic.dev/>  
A simple start page.

<https://text.mainframe.computer/>  
An often neglected personal blog using Jekyll & Gitlab.

<https://dark-fort.heretic.dev/>  
A Self-Hosted Virtual Table-Top for the MÖRK BORG TTRPG.

## INTERESTS

Hardware & Software Emulation

Reverse Engineering

Music

Writing

## AWARDS

**Apptegy, Inc. Thoughtfulness Award** (Sep 2019)  
Apptegy, Inc.

## WORK EXPERIENCE

**Sheridan School District** (Aug 2009 - Jan 2013)  
IT Field Support Tech

**Bryant Public School District** (Jan 2013 - Jul 2018)  
Linux Systems Engineer

**Apptegy, Inc** (Jul 2018 - Oct 2021)  
DevOps Network & Systems Engineer

## SKILLS

### Systems Engineering

Server Configuration Management & Deployment Automation (Ansible, Terraform), Virtualization (Qemu/KVM, Hyper-V, VMWare), Enterprise Server Hardware & Storage, 15+ Years of Debian & RHEL Experience, 10+ Years of MacOS, Microsoft, & FreeBSD Server Experience.

### Network Engineering

Network Configuration Management & Deployment Automation, 802.11ac, 802.11ax, & 802.11be, Routing, Switching, Subnetting, DNS, DHCP, ACLs, Firewalls, Loadbalancing, & Proxies.

### DevOps

Automation, Containerization (Docker, K8s), Cloud Resource Management (AWS, GCP, Vultr, Linode), Source Control (git, Github, Gitlab), CI/CD Pipelines (Jekyll, Gitlab, CircleCI, TravisCI).

### Network Security

Incident Response, Digital Forensics, Monitoring, Logging, Visibility, Redundant Automated Backups & Restoration, Disaster Recovery, Compliance & Procedures (SOC2), Red, Blue, and Purple Team Methodologies, Physical Access Controls, Device Level Encryption & Restoration, PKI & Certificate Management.

### IT / Device Management

OS-Agnostic Device Management, Automated Device Enrollment & User On/Off Boarding, Centralized Identity Management, MacOS Enterprise Networking, Enterprise Hardware & Software Purchasing & Deployments.

## VOLUNTEER EXPERIENCE

**The Electronic Frontier Foundation** (Nov 2016 - May 2018)  
Technical Resource & Case Study Subject  
I served as both a technical resource *and* case subject for the EFF's case study on Big Tech and Student Privacy in education.

🔗 <https://www.eff.org/issues/student-privacy/>

**Bryant Public School District** (Aug 2017 - Jun 2018)  
BPSD N.E.S.T

I created an after school Network Security club, giving students hands on experience with real-world security tools, methodologies.

## PUBLICATIONS

**Student Privacy by Practice, Not by Policy** (Oct 2019)  
2600: The Hacker Quarterly  
🔗 <https://2600.com>