

Eric Milan

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Education

Salt Lake City, Utah **Western Governors University** **Apr 2018 - Apr 2020**
Major: Bachelor of Science Cloud and Systems Administration
Coursework: Scripting & Programming, Web Development, Cloud, Network & Security, Linux

Salt Lake City, Utah **Western Governors University** **Aug 2020 - May 2021**
Major: Master of Science Cybersecurity and Information Assurance
Coursework: Secure Network Design, Security Operations, Cloud Security, Secure Software Design, Cybersecurity Architecture and Engineering

Employment

Network Engineer **West Jefferson Hills School District** **Apr 2018 - Present**

- Utilized Terraform to automate IT infrastructure for KVM, GCP, and AWS environments.
- Utilized Ansible to automate configuration and management of IT infrastructure for KVM, GCP, AWS, Linux and Windows systems.
- Spearheaded project replacing VMware environment with KVM, GPC, and AWS reducing cost by 70%.
- Developed Go web application to locate devices on wireless networks reducing the risk of lost devices by 80%.
- Developed multiple Go and Python applications for automating common tasks such as automated backups and data processing.
- Leveraged knowledge in Git, IaC tools Terraform, Ansible, and Packer, programming in Go and Python using Vim, Full Stack Web development, Docker.

Computer Technician **Frazier School District** **Aug 2013 – Apr 2018**

- Spearheaded project replacing VMware environment with AWS reducing cost by 60%.
- Increased wireless coverage from 20% to 100% by implementing a Cisco Meraki wired and wireless network.
- Developed Python application for monitoring the temperature and humidity of a student run greenhouse project.
- Leveraged knowledge in Git, programming in Python using Vim, Full Stack Web development.

Projects

Personal Website: www.ericmilan.dev (for additional information and projects)

Mac Address Conversion App

- Developed a Python application that allows the user to convert between different mac address formats given from various systems.

Skills

Software: C, Go, Python, Bash, Git, Unix, Linux, Windows, Ansible, Terraform, Packer, Vim, VScode, Docker

Environments: AWS, GCP, VMware, KVM, Ubuntu, Rehat, Windows Server