

# Christopher Fikes

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Proven results oriented network engineer with decades of experience in real world, large scale heterogeneous environments. Known for consistently exceeding organizational expectations and objectives with cost effective solutions. High level of competency in an ever evolving field.

## EXPERIENCE

### **Evadale ISD — I.T. Director**

Beaumont Texas - 2018 - PRESENT

Single member department bearing responsibility for IT Director functions including federal E-Rate compliance, budgetary planning, end user training along with technology long range planning, along with engineering and helpdesk. Reduced operating cost by over 75% while modernizing network and server environments while expanding technology offerings. Reduced telephony cost by over 90% with a custom open source based solution allowing expansion into every classroom. Created and executed EISD 1-1 Chromebook initiative along with assisting in development of our remote learning solutions during the pandemic. Designed and deployed physical security measures throughout the district utilizing HID for access. Designed and deployed district wide printing solutions utilizing Uniflow and existing HID cards reducing printing cost dramatically while expanding service offerings. Developed and deployed countless custom solutions ranging from VoIP and offsite backup to cafeteria order management and employment application boards and other custom Google App Script applications

### **Buna ISD — Network Manager**

Beaumont Texas - 2013 - 2014, 2016 - 2018

Performed IT Director functions including federal E-Rate compliance, budgetary planning, end user training along with technology long range planning and obsolescence. Saved the district in the first fiscal year over \$90,000 in licensing fees and consulting costs by bringing expert services in house. Successfully migrated from VMWare ESXi to Hyper-V for cost effectiveness while expanding high availability of services. Developed, tested, and implemented 1-1 programs students while performing training for faculty. Implemented 802.1x wireless authentication on Aruba Networks controller based wireless systems for BYOD program. Moved the school into Google Apps for Education for student email and collaborative instruction and served as primary trainer for faculty, staff and students. Developed and deployed custom VoIP and communications software still in use today.

### **The Modern Group — Systems Administrator Tier 3**

Beaumont Texas - 2014 - 2015

End user desktop and server support for a multinational company spanning over 300 locations in 6 countries. Designed and implemented tiered cybersecurity solutions across the infrastructure. Successfully migrated 9 companies' email and groupware systems to Office365 and SharePoint. Designed and developed company helpdesk solution with integration into desktop remote support solution.

### **Lamar University — Network Manager**

Beaumont Texas - 2012 - 2013

Managed a small team over operations and planning of large scale heterogeneous campus networks and datacenters including 2 datacenters, 300 access points, 400 security cameras, 120 switch stacks and over 1,000 IP

phones. Managed an Internet and Internet 2 BGP peering partnership connecting local schools and colleges to Internet 2 resources. Migrated all wireless access points from autonomous to controller based with no impact to the 17,000 user base. Implemented programs procedures to better inventory and troubleshoot network related issues. Acted as an additional Linux Server Administrator, EMC SAN Administrator, and VMWare Administrator. Served as member of the Internet 2 Technical Advisory Committee for planning and expansion of Internet 2 and local LEARN networks.

## **Region V ESC— Network Engineer**

Beaumont Texas – 2007 - 2011

Responsible for design, implementation and management of WAN/LAN networks using Cisco equipment for the service center and schools participating in computer maintenance contracts. Managed VMWare private cloud built atop Cisco USC server management platform. Functioned as the EMC SAN administrator and Avamar backup system administrator. Designed, deployed and maintained school management system hosting environment including custom software for management and upgrades. Responsible for server and desktop maintenance for schools participating in computer maintenance contracts.

## **SKILLS**

Multivendor Enterprise Network Design and Implementation, Virtualization Containerization and Private Cloud, VoIP Solutions Engineering, Microsoft Server and Desktop Management, Linux Server and Desktop Management, Programming and Scripting.

## **EDUCATION**

### **Lamar Institute of Technology, AAS Computer Networking**

Beaumont Texas – Degree Awarded May 2005

## **ACTIVE CERTIFICATIONS**

CompTIA IT Operations Specialist

CompTIA A+

CompTIA Network+

MikroTik MTCNA

MikroTik MTCRE

## **RECENT PROJECTS**

### **Clever AD Sync Tool — Clever SIS Exports Automation into Active Directory**

XAML PowerShell — <https://github.com/FikesMedia/Open-Roster-SFTP-AD-Sync-Tool>

Automatically roster Active Directory using standard Clever SIS Exports with email reporting.

### **School ID — ID Badging Solution for Education**

Javascript PowerShell HTML CSS — <https://github.com/FikesMedia/NoPE-SchoolID>

Active Directory integrated ID badging solution with integrations into Clever and SB729 compliant.

## **Fusion Bells — Public Address and Bell System**

PHP Javascript HTML CSS BASH — <https://github.com/cfikes/FusionBells>

Public address and bell system application for FusionPBX. Unlimited schedules with unlimited zones.

## **NoPE — Node PowerShell Express Framework**

Javascript PowerShell HTML CSS — <https://github.com/FikesMedia/NoPE>

Framework for developing web applications using PowerShell with multiple authentication backends.

## **REFERENCES**

Dr. Steve Hyden

Executive Director / Superintendent

Region 5 ESC, Buna ISD, Evadale ISD

409.673.0105

Matthew Lanier

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