

Jason Giberson

gibersonja@gmail.com 214-598-2519 Salina, KS
linkedin.com/in/gibersonja gitlab.com/gibersonja github.com/epyon0

Experience

PKM Steel

2025 – Present

Programmer Analyst

Salina, KS

- Highlights: In addition to daily IT duties, responsible for rewriting entire internal legacy codebase from FoxPro to C#. Implement network monitoring using Zabbix & Graphana. Migration of virtual infrastructure from VMWare to Proxmox.
- Security & Administration: Linux, SUSE, Open Enterprise Server (OES, formerly Novell), DNS, DHCP, Email, Webservers, VMware, vCenter, ESXi, Proxmox, MySQL, MSSQL
- Hardware Support: Cisco, Ubiquity, HPE Servers
- Software Automation: Bash, Powershell, Python, SQL, FoxPro, C#
- Backup Administration: Veeam, Proxmox, off-site backup & replication to S3 cloud (Backblaze).

Great Plains Manufacturing

2023 – 2025

Linux/Unix System Administrator

Salina, KS

- Highlights: Plan and execute the virtualization of key Linux/Solaris services to better integrate with our existing backup and DR infrastructure (VMWare & Veeam)
- Security & Administration: Linux, RedHat, CentOS, Rocky, Debian, Ubuntu, Unix Solaris, ZFS, Docker/Podman, NFS, Email, DNS, LDAP, Web Servers, RunZero, Rapid7, ProofPoint
- Hardware Support: Cisco, Dell PowerEdge Servers, Oracle Servers
- Software Automation: Bash, PHP, Go (golang), Python
- Backup Administration: Veeam & custom software for routine DR snapshot replication (ZFS) & off-site LTO tape backups

Wilson Communications

2022 – 2023

System Administrator

Wilson, KS

- Highlights: Determine NMS solution, build out server, integrate systems (servers, switches, routers, backup generators, fire alarm system, phone systems, temperature/humidity control, etc), and deploy across entire ISP/MSP
- Support all technical issues for ISP & MSP customers.
- Security & Administration: Windows Server and Clients, Active Directory, Group Policy, DHCP Server, DNS Servers, Linux Servers, RedHat, CentOS, Debian, Ubuntu, Web Servers, Syslog server, VMware, ESXi, vCenter, Proxmox, Hyper-V, Network equipment, Cisco, Adtran, Network Monitoring Systems, Zabbix, Grafana, PLCs
- Hardware Support: Cisco, Adtran, Dell PowerEdge Servers, HPE ProLiant Servers
- Infrastructure Automation: Ansible, Open Salt
- Software Devolved: (Frontend & Backend): Go (golang), javascript, python, powershell, bash, PHP

Raytheon

2018 – 2021

Sr. Systems Engineer

Malatya, Turkey – McKinney, TX

- Highlights: Solve problems others on the team could not; fix bugs if file replication scripts due to time resolution for a given filesystem, write a wrapper for collecting ADS-B data from vendor hardware that would randomly fail (The vendor software would SEGV, probably a null pointer dereference on their part), create program to give correct azimuth and elevation angles for calibration based upon radar GPS coordinates
- Radar System Support: CRAM (KuRFS-2 & Ku720) & BMDS (AN/TPY-2)
- Software Support: Bash, Python, Perl, C++, & MATLAB
- Security & Administration: Windows clients and servers, Active Directory, Group Policy, Linux servers RedHat, Embedded Linux systems, Cisco switching including 6504, MS SQL Database, VMware ESXi, vCenter, RSA SecureID MFA server, Nessus SecurityCenter (ACAS), McAfee ePO
- Hardware Support: Radar electrical, coolant, & RF Systems, Dell PowerEdge Servers, UPS, Cisco, NetApp SAN
- Systems Automation: Bash, Perl, Powershell
- Policy & Compliance: NIST 800-53, ICD 503, STIG, CIS benchmarks, ATO compliance and accreditation

Raytheon

2017 – 2018

Sr. Computer System Technologist

Tlalim, Israel

- **Highlights:** Lead the cybersecurity portion of a major software update for a sister radar site on short notice; the primary was held up at another site and I was asked to step in and took the site from being two days behind schedule to back on track; Assisted the engineering lead during the deploy of a new radar at a PACOM site; sole system administrator and cybersecurity engineer on site and in addition to those typical duties my site was chosen to go through multiple pentests in order to renew ATO accreditation from the program
- **Security & Administration:** Windows clients and servers, Active Directory, Group Policy, Linux servers RedHat, Embedded Linux systems, Cisco switching including 6504, NetApp SAN, MS SQL Database, VMware ESXi, vCenter, RSA SecureID MFA server, Nessus SecurityCenter (ACAS), McAfee ePO
- **Hardware Support:** Cisco, Dell PowerEdge Servers, Intel x86_64 Architecture, NetApp SAN
- **Systems Automation:** Bash, Perl, Powershell
- **Policy & Compliance:** NIST 800-53, ICD 503, STIG, CIS benchmarks, ATO compliance and accreditation

Raytheon

2014 – 2017

Sr. Cyber Engineer

Garland, TX – Abu Dhabi, UAE – Richardson, TX

- **Highlights:** Wrote the software modules for VMware support (VM, vCenter, ESXi integration) for our in house security auditing tool, there was no virtualization support in the tool before this.
- **Software Development:** Perl, bash, javascript, VMWare API
- **Policy & Compliance:** NIST 800-53, ICD 503, STIG, OVAL, and CIS benchmarks, Windows clients and servers, Active Directory, Group Policy, VMware API, vCenter, ESXi, Linux, RedHat, SuSE, Debian, Symantec Endpoint Protection, McAfee ePO, ArcSight SEIM, Nessus SecurityCenter (ACAS)
- **Hardware Support:** Cisco, Dell PowerEdge Servers, Intel x86_64 Architecture

Education

Open University

2022 – Ongoing

BSc (Honours) Physics

Milton Keynes, UK (Online)

- **Relevant Coursework:** Differential & Integral Calculus, Multi-variable Calculus, Linear Algebra, Differential Equations, Physics

Eastern Michigan University

2013 – 2014

Bachelor of Science: Information Assurance [Magna Cum Laude] (GPA: 3.87 / 4.00)

Ypsilanti, MI

- **Relevant Coursework:** Applied Programming (Perl), Windows Server Administration, Linux Administration, Risk/Vulnerability Analysis, Cyber Law/Compliance, Policy Development, Network & Digital Forensics, Dean's List

Jackson College

2010 – 2012

Associate of Applied Science: Network Specialist [High Honors] (GPA: 3.95 / 4.00)

Jackson, MI

- **Relevant Coursework:** Cisco Networking, Windows Administration, Network Security, Linux Administration, Firewall & IDS Administration, Dean's List

Sand Creek Jr./Sr. High School

2001 – 2005

High School Diploma

Sand Creek, MI

- **Relevant Coursework:** Computer Programming (Visual Basic), Physics, AP Chemistry

Technical Skills

Languages: Bash, C, C#, Go, Javascript, Perl, Powershell, Python, Ruby

Technologies:

Linux: DNS, LDAP, Apache, Nginx, Sendmail, Docker, RedHat, SuSE, CentOS, Rocky, Debian, Ubuntu

Virtualization: VMware (vCenter & ESXi), Proxmox, KVM

Windows: Active Directory, DNS, DHCP, RADIUS, Office365

Security: Nessus, SecurityCenter, Rapid7, RunZero, OpenVAS, SentinelOne, McAfee ePO, RSA MFA (SecureID), DLP, ProofPoint, STIG, CIS, OVAL, ICD 503, NIST 800-53

Firewall: Cisco ASA, SonicWall, WatchGuard, PaloAlto

Monitoring: Nagios, Zabbix, LibreNMS, Grafana

Certifications

- CSAP
- PLC Fundamentals (Level 1)
- Security+
- Network+
- CySA+

About Me

Certifications

- Since the beginning of 2024, I have spent my spare time pursuing security certifications and focusing on rewriting some of my personal projects to C# in order to port them to Windows. I am currently studying for the CASP+ and plan to get the PenTest+ after that.
- Once I am done with those CompTIA security certifications I will be moving on to the ISC² certifications.

Software Development

Golang — C — gitlab.com/gibersonja

- In addition to this, I also enjoy working on side projects that involve programming. For the last few years it has been Go for my language of choice for most tasks personal and professional.
- Lately I have been working on implementing some of the most common internet protocols from the RFC documentation. I have made my way through DHCP, ICMP, and partly through TFTP. The next protocols I will tackle are FTP and SNMP.
- I find that this is not only a fun exercise but also an invaluable learning experience which greatly exceeds just reading the documentation alone. You can see what I have been working on: [gitlab page](https://gitlab.com/gibersonja).