

SAMUEL MCPHERSON

Linux Focussed System Administrator

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EXPERIENCE

PowerON Services

Computer and mobile device refurbishment company

📍 Roseville, California

System Administrator

📅 September 2020 - Current

- Network and server administration as well as desktop support for our departments; our environment consists of Windows domain controllers, clustered VMWare hypervisors, Linux web and database servers and Cisco Catalyst switches
- Creation and maintenance of infrastructure that erases customer data from a wide range of devices, collects all relevant system information and deploys them for testing
- Experience with automation and eliminating single points of failure in order to improve the robustness of critical systems
- Improving business processes and creating scripts to automate tasks and increase the efficiency of our departments
- Serving as a site admin for IT managed services including GitHub, Jira, Confluence, Active Directory, and Google Workspace

Acting IT Manager

📅 June 2021 - July 2021

- Interviewing and training new IT associate to support our current systems

PowerON Services through Silicon Valley Staffing

IT Associate

📅 February 2020 - September 2020

- Responsible for setting up accounts for new hires and managing access to company resources through Active Directory and Google Workspace
- Responsible for addressing any issues affecting our production departments

Computer Repair Technician

📅 July 2019 - February 2020

- Repair focused on all Apple computers, predominantly Macbook Pro, Macbook Air and iMac devices

Seto, Wood & Schweickert LLP

IT Consulting and Network Setup

📅 March 2021 - April 2021

📍 Pleasant Hill, California

- Setting up small office network for a legal firm moving to a new office and transitioning to VoIP phones
- Planning network layout and recommending equipment, setting up SonicWall firewall/router to provide quality of service for VoIP phones

Regional Educational Media Center One

Helpdesk Intern

📅 September 2016 - May 2017

📍 Hancock, Michigan

- Phone and remote support for teachers and administrators across nineteen school districts in the Keweenaw Peninsula

EDUCATION

A.S. in Network Administration

Sacramento City College

Studied Computer Networking and System Administration

Michigan Technological University

📅 September 2014 - December 2015

CERTIFICATIONS

- CompTIA A+ November 20, 2018
- CompTIA Network+ January 24, 2019
- CompTIA Security+ January 17, 2019

WORKING TOWARDS

- Red Hat Certified System Administrator
- Cisco Certified Network Administrator

TECHNICAL SKILLS

- Strong Experience with:
 - Linux(Debian and Red Hat based systems)
 - Bash shell scripting
 - Server deployment
 - Cisco IOS
 - Linux Network Stack
 - pfSense firewall
 - opnSense firewall
 - Ubiquiti access points and controller software
 - Configuring VLANs
 - Setting firewall rules
 - Docker
 - OpenZFS
 - Git
 - Jira
 - Network interface bonding
 - DHCP management
 - DNS management
- Moderate Experience With:
 - Windows Server administration
 - Active Directory
 - Ansible
 - VMWare ESXI Virtualization
 - nmap
 - HAProxy load balancer
 - Fortinet Firewall
 - Database setup and administration:
 - PostgreSQL (clustering with patroni and etcd)
 - MySQL
 - MariaDB