

# SAMUEL MCPHERSON

## IT Professional

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## EXPERIENCE

### PowerON Services

#### Computer and mobile device refurbishment company

📍 Roseville, California

#### IT Associate/Linux Systems Administrator

📅 February 2020 – Current

- Part of a two person team responsible for all IT operations
- Duties and responsibilities include network and server setup and administration as well as desktop support for our departments
- Creation and maintenance of infrastructure that automates the erasure 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 providing tools to increase the efficiency of our departments
- Worked alongside software development team using tools such as GitHub, CircleCI and Jira for managing projects

#### Acting IT Manager

📅 June 2021 – July 2021

- Participating in decision making process at a company level
- Interviewing and training new IT associate to support our current systems

### PowerON Services through Sillicon Valley Staffing

#### 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

📅 Degree anticipated October 2021

All courses completed

### 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
  - Ubiquity 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