Kris Lloyd, CCNA, JNCIA

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Education

Carleton University, Ottawa, ON

    Bachelor of Information Technology, Network Technology
    Graduated with Distinction, Co-op Option

Technical Skills

- Enterprise level networking, including Cisco IOS (CCNA certified, CCNP trained), Nokia SR-OS (NRSII trained), Juniper JunOS (JNCIA certified), Aruba Wireless (ACSA Level), and F5 BIG-IP ADC. Working experience with OSPF, EIGRP, BGP (iBGP/eBGP/MP-BGP), L2 (LAG, vPC, VSS, VPN, STP), DMVPN, IPv6, QoS, and SDN (OpenDaylight).
- Programming, scripting, and automation. Python (2 and 3), C, C++, Java, JavaScript, and Assembly. Scripting in Bash, DOS, PowerShell, and TCL. Automation using Ansible, Docker, Kubernetes, and Mininet. Google IT Automation Certified.
- Desktop and server environment installation, configuration, administration, and troubleshooting. Experience in Windows 7/10, Windows Server 2012/2016, Linux (Ubuntu/CentOS/Kali/ALT), and Apple OSX. OS virtualization using VMware and VirtualBox, NFV with OVS and SDN.

Professional Experience

Ethical Hack Specialist

Rigel Kent Security, Ottawa, ON   **May 2021 – September 2021**

Security Clearance: Top Secret

- Cyber Exercise deployment for international enterprise clientele, constructing virtual environments for blue and red team exercises, leveraging VMWare, OPNSense, and Windows systems.
- Penetration testing, on-site wireless analysis and packet capture, and vulnerability assessments.

Network Support Specialist (Previous: Cyber Security Specialist)

Bank of Canada, Ottawa, ON   **September 2019 – May 2021**

Security Clearance: Secret

- Enterprise network support for a Federal Reserve Bank, including a multi-site data centre network, multi-vendor environment including Cisco, F5, and Aruba. Network support for mission critical financial applications, VLAN management, Cisco Smart Licencing, device provisioning and upgrades, SNMPv3 monitoring, F5 load balancing and proxy, VPN tunneling.
- Deployed routing infrastructure for the international SWIFT banking network. Mission critical routers for use in international banking transactions, redundancy over multiple data centres.

Field Intercept Support Specialist

RCMP, Ottawa, ON   **May 2019 – September 2019**

Security Clearance: Top Secret

- Created Windows 10 deployment images for a nation-wide system of workstations, including GPO restrictions, Anti-virus integration, and key applications, deployed using MDT.
- Created and deployed a DFS system across a nation wide system of servers for distribution of deployment images using Windows Server.

Information Technology Specialist

Kongsberg Geospatial, Ottawa, ON   **January 2019 – May 2019**

Security Clearance: Secret

- Migrated and upgraded core infrastructure services to a virtualized environment, such as Flexera CodeInsights and Atlassian suite of services, while implementing DNS and reverse proxy services for external visibility.
- Network and endpoint security planning and implementation for a company wide computer security audit involving installation and updating services, software, and drivers, endpoint servicing records and tracking, and preventative maintenance.

Cloud Infrastructure Engineer - Student

CENGN (Center for Excellence in Next Generation Networks), Ottawa, ON   **April 2018 – August 2018**

- Research into opensource projects, deploying and integrating the latest in opensource technology on cutting edge hardware, enhancing the services and support offered to CENGN customers.
- Hardware acceptance and evaluation, integrating new hardware systems into the cloud infrastructure for stress testing and hardware functionality, ensuring reliable infrastructure systems

Solutions Architect

Global Affairs Canada – (SIAA), Ottawa, ON   **September 2017 – January 2018**

Security Clearance: Secret

- Maintain and update departmental wide software application portfolio database using SCCM, BMC Remedy, and web based applications.
- Updating foreign SIGNET-D terminals using domestic networks, sending CLI scripts to ensure uniform baseline deployment and application data collection for servers and workstations, liaising with remote Canadian embassy IT departments for unresponsive terminals.