



EDUCATION

Carleton University Ottawa, ON
B.C.S. Computer Science, Streaming in Computer and Internet Security Sep 2021 - Apr 2025
Current GPA: 3.9

Ridgemont High School Ottawa, ON
High School Diploma Ontario Secondary School Diploma *GPA: 3.7* Sep 2017 - Jun 2021

AREAS OF STRENGTH

Languages: Java, Python, C/C++, Bash, yaml, HTML/CSS, Ansible, Terraform
Platforms: VMWare, Linux, Cisco, Windows Server, Metasploit, Checkpoint Firewall
Technologies: Docker, Kubernetes, GitHub, AWS, Azure, Jupyter Notebooks
Soft Skills: Conflict resolution, time management, adaptability, detail orientation, remote work
Standards: TCP/IP, OSPF, VLAN, VPN, IP/SEC, IPv6, TACACS/RADIUS, ACL, DNS

EXPERIENCE

Systems Administrator (Cloud Defense) Ottawa, ON
Internship, Government of Canada Jan. 2023 - Present

- Helping manage and maintain cloud-based systems
- Utilized JIRA to track and prioritize tasks
- Used Terraform and Ansible to automate the deployment of infrastructure on AWS and Azure
- Answered and resolved IT support requests received via a shared mailbox

Software Developer Ottawa, ON
Internship, Government of Canada Sep. 2022 - Dec. 2022

- Automated HR workflows using Robotic Process Automation
- Wrote in-depth process design document outlining automation scope, behaviour, process diagram, etc.
- Self-assigned due dates and tracked progress using team task board

Systems Administrator Ottawa, ON
Internship, Government of Canada Apr. 2022 - Aug. 2022

- Containerized applications using Docker
- Configured Docker compose for multi-container Docker applications
- Designed and implemented CI/CD pipeline using GitLab
- Configured Kubernetes ingress stack
- Configured automatic DNS for Kubernetes Ingress using ExternalDNS

Network Security Automation Practice Ottawa, ON
Internship, Nokia Corporation Jan. 2022 - Apr. 2022

- Helped develop security practice service offering for Nokia Network Services Platform (NSP) using bash, yaml, and ansible
- Creating high-quality deliverables and documentation
- Using RHEL lab for testing and demoing hardening script
- Tracking & maintaining progress/updates using Microsoft Office (MS Teams, Excel, Outlook, Powerpoint)

CONTENT

DHCP Explained

<https://www.youtube.com/watch?v=mGL2E3QkAu4>

"How does the Internet Work?"

<https://vidunjayakody.medium.com/how-does-the-internet-work-9b0f9bbfd4ba>

"The Tea on IOTs"

<https://vidunjayakody.medium.com/the-tea-on-iots-885c2d008297>

CERTIFICATIONS

CCNA 200-301 (Cisco Certified Network Associate)