

## EDUCATION

### Carleton University

B.C.S. Computer Science, Streaming in Cybersecurity

GPA: 3.8/4.0

Ottawa, ON  
Sep 2021 - Dec 2024

## AREAS OF STRENGTH

Languages:	Java, Python, C/C++, Bash, HTML/CSS, Ansible, Terraform
Platforms/Tech:	VMWare, Linux, MongoDB, Docker, Kubernetes, GitHub, AWS, ESXi
Soft Skills:	Problem-solving, teamwork, communication, analytical thinking, initiative
Standards:	TCP/IP, OSPF, VLAN, VPN, IP/SEC, IPv6, TACACS/RADIUS, ACL, DNS, HTTP

## EXPERIENCE

### Site Reliability Engineer

*Permanent Full-Time, Cisco*

Ottawa, ON  
May. 2023 - Present

- Consistently maintaining and enhancing Terraform code on AWS to meet evolving infrastructure requirements
- Led and executed successful bi-weekly production releases and hot fixes, ensuring smooth deployment and rapid issue resolution
- Automated various deployments and workflows using bash scripting and python to standardize and simplify processes
- Performed routine maintenance and administrative tasks on Kubernetes clusters
- Monitored and analyzed Datadog logs and alerts to maintain system health, ensuring high availability and performance of services
- Managed and maintained MongoDB clusters, overseeing tasks such as backup and recovery, performance tuning, and scaling to support application demands
- Handled the onboarding and offboarding processes for employees, ensuring seamless integration into the company's systems and timely deactivation of accounts and access upon departure
- Proactively documented workflows and system procedures to enable team self-sufficiency and eliminate reliance on a single contributor

### Systems Administrator (Cloud Defense)

*Internship, Government of Canada*

Ottawa, ON  
Jan. 2023 - Apr. 2023

- Managed and maintained cloud-based systems, ensuring reliability and performance
- Automated infrastructure deployment on AWS and Azure using Terraform and Ansible
- Provided IT support by resolving requests received via a shared mailbox

### Software Developer

*Internship, Government of Canada*

Ottawa, ON  
Sep. 2022 - Dec. 2022

- Automated HR workflows using Robotic Process Automation
- Wrote in-depth process design document outlining automation scope, behaviour, process diagram, etc.
- Increased efficiency and accuracy within the HR department, allowing for a more streamlined and effective work process

### Systems Administrator

*Internship, Government of Canada*

Ottawa, ON  
Apr. 2022 - Aug. 2022

- Containerized applications to enhance portability and consistency using Docker
- Configured Docker Compose for efficient orchestration of multi-container Docker applications
- Designed and implemented a CI/CD pipeline leveraging GitLab to streamline the development and deployment process
- Configured the Kubernetes ingress stack to manage external access to services within the cluster
- Set up automatic DNS for Kubernetes Ingress using ExternalDNS, ensuring seamless routing and scalability

### Network Security Automation Practice

*Internship, Nokia Corporation*

Ottawa, ON  
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)

## CERTIFICATIONS

**CCNA 200-301 (Cisco Certified Network Associate)**