

George Girgis

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Education

Carleton University

Bachelor of Computer Science with High Distinction

Jun 2024

Certifications

Cisco Certified Network Professional Security (CCNP Sec) – Cisco

Apr 2026

Cisco Certified Network Associate (CCNA) – Cisco

Nov 2025

Nokia Cloud RAN Solution Associate (NCSA) – Nokia

Oct 2025

Generative AI and Large Language Models – Nokia

Sep 2025

Technical Skills

- Cybersecurity Tools & Frameworks: Snort, Field Effect (MDR), SIEM, OSINT, IOCs/TTPs, CMMC/NIST 800-171
- Technical Depth: Passive, Static, Dynamic & Malware Analysis
- Networking & Routing: L2 (STP, VLANs/802.1Q, 802.1X), Routing (OSPF, EIGRP, BGP), HA (HSRP/VRRP), Remote mgmt (SSH/Telnet), PCAP
- Network Services & Security: ACLs, NAT, DHCP (relay/ip-helper), DNS, IPsec/VPN
- Infrastructure & Virtualization: VirtualBox, VMware, ESXi, SAN-backed Hyper-V, Azure DevOps, Exchange
- Systems & Identity: Active Directory, Event Viewer, Firewall Management
- Operating Systems: Windows, Linux, macOS, Android
- Scripting & CLI: PowerShell, Bash, Terminal
- Project & Delivery: Triage, DRP/BRP Support, Agile/Scrum/Retros, Jira, Microsoft Teams
- Data Analytics & BI: Power BI dashboards, Power Query, DAX, Excel PivotTables
- Cloud & DevOps: AZURE DevOps, Git/Gitea, OpenShift/ARO, Kubernetes fundamentals

Professional Experience

Nokia

Toronto, ON

Jr. Customer Service Specialist

Aug 2025 – Present

- Helped prevent customer connectivity issues by validating subnet allocations, gateway addressing, and IP overlap risks during network deployment readiness reviews
- Collected KPI and log data via secure remote access to customer networks, monitored issue progress, and remained on standby for troubleshooting and escalation support
- Built Power BI dashboards (Power Query, DAX) to analyze application throughput and RTT across Toronto/Vancouver datasets
- Collaborated on a Python-based desktop application that automated large Excel-based reporting workflows, reducing manual reporting effort and improving consistency
- Shared 5G Cloud RAN architecture diagram with 3G/LTE-focused team to build baseline understanding of vCU/vDU, timing, and fronthaul

Kongsberg Geospatial*IT Specialist*

Ottawa, ON

Nov 2024 – Apr 2025

- Delivered front-line IT Support for laptops, desktops, and network connectivity issues, improving response and resolution times
- Troubleshoot user-reported system, software, hardware, and connectivity issues through Jira, documenting resolutions and tracking SLA/KPI performance
- Supported disaster recovery and business continuity efforts by migrating data from a legacy file server to a new enterprise file share, applying RBAC/NTFS permissions, and supporting secure decommissioning
- Upheld asset integrity by documenting and tracking equipment through Excel and Active Directory
- Handled secure onboarding/offboarding, including local admin creation, assigning user privileges, domain joining, VLAN assignment, and installation of core apps (M365, FortiClient EMS, FE Agent)
- Used gpupdate /force to apply group policies and enable 802.1X authentication via corporate LAN
- Monitored Field Effect alerts to block unauthorized apps and investigated suspicious activity, supporting CMMC and NIST 800-171 compliance
- Implemented corrective actions for user account lockouts and system alerts, enhancing user satisfaction and reducing recurrence
- Administered software installations (Visio, Microsoft Project, Adobe Pro, Balsamiq, etc.) via license provisioning and usage tracking
- Set up a Dell EMC ESXi server with static network configuration, validated IP availability, and configured iDRAC for secure remote administration
- Researched and proposed a SIEM tool aligned with NIST SP 800-171 for CMMC Level 2 Compliance, which was adopted by the team under a tight deadline

Nokia*Malware Research Assistant*

Ottawa, ON

Jan 2023 – Apr 2024

- Developed Snort signatures aligned with MITRE ATT&CK TTPs, to detect, identify malware, APTs and attacks targeting Windows, Linux, macOS, and Android systems
- Conducted passive analysis to assess the activation, retirement, or modification needs of signatures by analyzing data obtained from customers and information collected from Open-Source Intelligence (OSINT) tools
- Triaged malware samples, removed outdated ones, and assigned emerging researched active samples to the team for proactive signature development, enhancing threat detection
- Spoofed the destination IP address of malware's PCAP to enable TCP communication
- Documented unique malware instances and integrated them into suitable signatures to help customers understand their origins, behavior, and impact on victims
- Conducted dynamic and static analysis on malware samples to develop Snort signatures
- Ensured C&C server of the malware was active to conduct network impact analysis on activated signatures, measuring malware network activity metrics
- Modified old signatures to improve the coverage or reduce the false positive rate

Canada Revenue Agency (CRA)*IT Programmer Analyst*

Ottawa, ON

Sep 2021 – Apr 2022

- Documented ePayroll Simulation Environment to explain the user's interface experience of the Azure Red Hat OpenShift (ARO) and OpenShift Container Platform (OCP) environments
- Designed the front-end of the Event Driven Architecture (EDA) ePayroll PoC Project and uploaded it to Gitea
- Used Azure CLI to create a VM on Azure ePayroll, optimizing ARO cluster functionality