

Khadijah Watkins

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SUMMARY

Versatile cybersecurity professional with a solid foundation in Mechanical Engineering, complemented by a Master's degree in Cybersecurity Information Assurance. Leveraging 2 years of engineering experience, I am poised to pivot into cybersecurity roles, eager to apply my interdisciplinary background to address complex security challenges.

CERTIFICATIONS

CompTIA Security+, Candidate ID: COMP001022438762, earned 02/03/2024, expires 02/03/2027

Certified Ethical Hacker, Certification Number: ECC0635429187, earned 11/13/2022, expires 11/12/2025

EXPERIENCE

Company: Log(N) Pacific

10 hrs per week; 11/12/2023 - Present

Title: Cyber Security Support Engineer

- Implemented secure cloud configurations using Azure Private Link, Network Security Group, Microsoft Defender for Cloud, and Azure Regulatory Compliance for NIST 800- 53, PCI DSS, and HIPAA/HITRUST, resulting in a 93.28% reduction of security incidents.
- Troubleshooted and supported Microsoft Azure services, including Microsoft Sentinel (SIEM), Azure Virtual Machines, Azure Monitor, and Microsoft Entra resolving 5 issues per week on average.
- Developed KQL queries to support Log Analytics Workspace and Microsoft Sentinel, resulting in 1 SIEM dashboard and 4 workbooks.

Company: Empire Cat

40 hrs per week; 10/25/2023-Present

Title: Condition Monitoring Engineer

- Enhancing operational efficiency through strategic implementation of condition monitoring, driving a remarkable 96.8% availability for 992K fleet and 94.3% availability for the 777G fleet.
- Leveraging advanced analytical skills to continuously monitor and evaluate system performance data, identifying patterns and anomalies indicative of potential failures, leading to the development and implementation of proactive strategies to mitigate risks and enhance system reliability and security

Company: Kinross Gold

84 hrs per week; 01/10/2022- 09/24/2023

Title: Mechanical Engineer

- Conducted in-depth root cause analysis investigations to identify the underlying factors contributing to ADR (Adsorption, Desorption, and Recovery) and dewatering pump failures.
- Participated in a corporate-led maintenance audit, emphasizing alignment strategies with Kinross's maintenance standards for mobile and processing systems in Fairbanks, Alaska.
- Strategically pinpointed top downtime drivers, leading to a 8.5% increase in haul truck availability and 16% increase in shovel availability.

Company: Kinross Gold

40 hrs per week; 9/19/2022- 03/28/2023

Title: Continuous Improvement Engineer

- Gained proficiency in various Continuous Improvement (CI) tools under supervisor coaching. Strengthened analytical skills, collaboration and contributed to process enhancement.
- Conducted thorough reviews of Process and Instrumentation Diagrams (P&IDs), offering valuable insights and recommendations to ensure accuracy, compliance, and optimization of project design.

EDUCATION

Western Governors University | Masters in Cybersecurity Information Assurance
University of Nevada-Las Vegas | Bachelors of Science Mechanical Engineering

Apr 2022 - Feb 2024
Aug 2014 - Dec 2021

PROJECTS

Project: Implementing a SOC and Honeynet in Azure

[Building A SOC+Honeynet](#)

- Set up Azure Log Analytics Workspace to capture and analyze custom logs, including geographic data such as latitude, longitude, state/province, and country.
- Configured Azure Sentinel (Microsoft's Cloud SIEM) workbook to display global attack data (Remote Desktop brute force) on world map according to physical location and magnitude of attacks.
- Executed comprehensive incident response activities aligned with NIST 800-61 guidelines, encompassing preparation, detection & analysis, containment, eradication, and recovery, ensuring robust and swift resolution of security incidents.

Project: Vulnerability Management

[Vulnerability Assessment: Nessus & Qualys](#)

- Set up and configured Nessus Essential and Qualys to execute credentialed and non-credentialed scans on a Windows 10 system. Following with remediation of vulnerabilities and conducting a second scan to verify successful remediation.