

Zachary Nicholas

Hubert, NC | 910-320-1369 | zachary.nicholas@outlook.com

LinkedIn: [linkedin.com/in/zachary-nicholas1341](https://www.linkedin.com/in/zachary-nicholas1341)

Professional Summary

Reliable and detail-oriented Equipment Mechanic with over four years of hands-on experience in mechanical, hydraulic, and electrical system diagnostics, gained through U.S. Marine Corps service and structured operations support. Strong foundation in preventative maintenance, technical documentation, and team training. Complemented by a growing background in IT and cybersecurity, including custom SIEM labs, incident response simulation, and scripting for digital system health checks. Demonstrating adaptable diagnostic thinking across both physical and digital environments.

Core Competencies

Mechanical & Hydraulic Troubleshooting | Electrical System Repair & Diagnostics | Preventative & Corrective Maintenance | Equipment Lifecycle Support · Dispatch Readiness | GCSS-MC Asset Tracking & Inventory | Technical Documentation & Blueprint Reading | Power Generation & Support Systems | Scripting & Task Automation (PowerShell, Python) | SIEM Simulation | Alert Triage | IOC Analysis | Cybersecurity Concepts | MITRE ATT&CK | Compliance (NIST, HIPAA)

Experience

Systems Diagnostics & Cybersecurity Projects

Jan 2020 - Present

- Built and maintained a custom Splunk lab simulating SOC operations, with workflows for alert triage, threat hunting, and telemetry parsing
- Designed log aggregation pipelines and analysis logic, reflecting root cause tracing methods used in physical equipment audits
- Applied MITRE ATT&CK mapping and IOC investigation techniques to simulate incident response and containment strategies
- Automated endpoint health checks and patch validation using PowerShell, aligning with preventive maintenance principles
- Authored step-by-step remediation guides and escalation references, combining clarity from technical writing with procedural rigor
- Studied secure infrastructure, access provisioning logic, and risk reduction through the lens of operational continuity and system resiliency

Heavy Equipment Mechanic | United States Marine Corps

May 2017 - Aug 2021

- Diagnosed and repaired faults in tactical vehicles and electronic support equipment, maintaining operational availability
- Performed scheduled inspections and field-level maintenance on hydraulic, electrical, and mechanical systems
- Read blueprints, schematic diagrams, and technical manuals to execute system repairs and upgrades
- Managed inventory distribution and dispatch operations using GCSS-MC for real-time equipment accountability
- Prepared operational status reports for senior leadership and authored troubleshooting guides for junior technicians
- Mentored Marines in safety procedures, standardized diagnostics, and workflow adherence under mission-driven conditions

Education

B.S. in Computer Science

Oct 2021 – Dec 2024

Southern New Hampshire University | GPA: 3.797