MICHELLE DUELL

michelle.m.duell@gmail.com | (409) 543-3900 | Active TS/SCI Clearance

linkedin.com/in/michelle-duell | github.com/aeronique | aerobytes.io

Professional Summary

Intelligence professional and SANS Cyber Academy Scholar with active TS/SCI clearance, bringing years of operational targeting, adversary TTP analysis, and multi-source intelligence experience to cybersecurity. Seeking analyst positions in threat intelligence, incident response, or SOC environments.

Certifications

GIAC Certified Incident Handler (GCIH) | 2026

GIAC Security Essentials (GSEC) | 2025

GIAC Foundational Cybersecurity Technologies (GFACT) | 2025

GIAC Advisory Board | 2025

Education

SANS Cyber Academy | SANS Technology Institute | 2026

Undergraduate Certificate, Computers and Networking | American Military University | 2022

Associate of Applied Science, Intelligence Operations | Cochise College | 2019

Master of Music Education and Bachelor of Music Performance | Lamar University

Speaking Engagements

"Reverse Engineering with Ghidra for DNS Exfiltration"

- WiCyS 2026 National Conference | Washington, DC | 2026
- WiCyS San Diego Cyber Speaker Series | Virtual | 2026

Technical Writing & Publications

Author technical reports and analysis documenting CTF challenge solutions, honeypot deployment findings, blockchain security research, and homelab infrastructure. Published 8 articles at medium.com/@aeronique

Professional Experience

Geospatial Intelligence Analyst | U.S. Army Reserve | Norfolk, VA | 2018 to Present | TS/SCI Clearance

- Conduct strategic and operational-level targeting as Joint Intelligence Targeting Staff (J2T) member supporting combatant command operations
- Lead Joint Targeting Team of 9 personnel, coordinating cross-functional intelligence production and delivering targeting packages to operational commanders
- Produce 10+ imagery-based targeting products monthly, enabling commander decision-making for time-sensitive operational requirements
- Conduct multi-source data correlation to identify adversary TTPs, synthesizing classified and open-source intelligence into actionable threat assessments

Competitive Achievements

- **1st Place** | 2026 WiCyS Cyber Quest Tournament
- **2nd Place** | 2025 WiCyS x Target Cyber Defense Challenge
- **5th Place & Runner-Up Most Creative Report** | 2025 SANS Holiday Hack Challenge
- **Top 5%** | 2025 DoD Cyber Sentinel Challenge (116 of 2,155)

Cybersecurity Projects & Skills

- **Cloud Threat Intelligence** | Deployed T-Pot honeypot on GCP to capture live attack traffic and analyze adversary TTPs. Collected and analyzed real-world attack patterns including SSH brute force attempts, web application attacks, and malware delivery methods. Mapped captured web attacks against OWASP Top 10 vulnerabilities.
- **Security Operations Homelab** | Self-designed Proxmox infrastructure with Wazuh SIEM, Active Directory, vulnerable systems (Metasploitable, DVWA), and MITRE Caldera for purple team operations. Automated adversary emulation attacks using Caldera's ATT&CK framework, then refined Wazuh detection rules based on missed indicators.
- **Network Security Lab** | Configured network segmentation with VLANs and Suricata IDS/IPS for defensive monitoring. Built isolated network segments for vulnerable systems to execute controlled attack scenarios and validate IDS rule effectiveness.

Professional Affiliations

VetSec | WiCyS Representative | 2025 - Present

Women in CyberSecurity (WiCyS) | 2025 - Present

Military Cyber Professionals Association | 2025 - Present

Military Intelligence Corps Association | 2018 - Present

Other Work Experience

OSINT Researcher (Volunteer) | National Geospatial-Intelligence Agency | GEMINI Program | 2020 to Present

- Utilized Overpass API and OpenStreetMap to query and validate geospatial datasets, contributing 5,000+ map edits supporting critical infrastructure mapping and intelligence community requirements
- Designed and administered 15 critical infrastructure mapping campaigns to sustain team readiness and support operational intelligence
- Identified and validated critical infrastructure data gaps to improve geospatial accuracy and support intelligence community requirements

Music Educator and Professional Musician | Various Organizations | 2004 to 2015

- Led highly successful band program of approximately 500 students, earning multiple regional and state recognitions for performance excellence
- Developed curriculum, managed student performances, and coordinated community outreach programs
- Applied strong leadership, organizational skills, and cross-functional collaboration with administrators, parents, and community stakeholders
- Performed as Assistant Principal Clarinet in three professional symphony orchestras and as multi-woodwind specialist in musical theater pit orchestras