BRIAN STYRCULA

CYBERSECURITY M.S.

CONTACT

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EDUCATION

Sacred Heart University

M.S. Cybersecurity

Expected June 2026

GPA: 3.88

Penn State University

B.A. Telecom & Media Industries

Minor: Entrepreneurship

May 2024

WEBSITES

brianstyrcula.com
Built a site so you can get to know me

briansquickfix.com
Home IT Business site

jamiegoodmancoaching.com
Professional executive coaching site

PROJECTS

AI Intrusion Detection CAPSTONE

Built real-time Streamlit dashboard (deck.gl attack map, alert log, analytics) and Scapy capture pipeline for a team ML IDS; Random Forest on CICIDS2017, 5 attack classes, 99.99% F1

Cloud & Security Labs

GCP HTTPS Load Balancer + IAP via OpenTofu on Cloud Run; 5-VM VMware lab with Nessus scans, Ettercap MITM, and Wireshark analysis

Proxmox Home Lab PERSONAL

Bare-metal Proxmox VE; Windows Server 2022 domain controller (brian.local); Linux pentesting tools (Metasploit); Tailscale subnet routing

PROFILE

A year ago I barely knew anything about cybersecurity. Since then I've built SOAR playbooks on Google Sec Ops for automating incident response, developed an AI-powered intrusion detection system for my graduate capstone, run my own IT business, and set up a Proxmox home lab to understand how enterprise environments actually work. I'm looking for a hands-on, technical cybersecurity role.

EXPERIENCE

Cybersecurity Intern

FEB 2026 – PRESENT

Sacred Heart University, Fairfield, CT

Helped protect a campus network serving over 10,000 students by designing five incident response playbooks in Google SecOps. Built a web-based playbook recommendation tool and documented integration workflows for Abnormal Security, Microsoft Entra ID, and VirusTotal. Learned basics of Google Sec Ops, Splunk, Microsoft Azure, and Palo Alto Panorama.

Audiovisual Junior Engineer

SEP 2025 – PRESENT

Sacred Heart University, Fairfield, CT

Maintained Crestron and QSys A/V systems across 100+ classrooms serving over 10,000 students. Resolved Windows and macOS issues via the TDX ticketing system, created equipment documentation and instruction sheets for campus facilities, and managed room inventory records to support reliable classroom technology.

Owner

AUG 2024 – PRESENT

Brian's Quick Fix, Fairfield, CT

Provided in-home IT support for dozens of clients; configured routers, Wi-Fi, and network security; performed diagnostics, hardware/software troubleshooting, data backup and migration; delivered safe computing guidance to non-technical users.

SKILLS

Threat Detection & Response: Google SecOps (SIEM/SOAR), SOAR Playbook Development, Threat Detection, Incident Response, Log Analysis, Alert Triage, ML Model Integration

Offensive Security & Penetration Testing: Nmap, Metasploit Framework, Penetration Testing, Packet Crafting & Capture (Scapy)

Vulnerability Management: Nessus, Vulnerability Assessment, Vulnerability Scanning, Risk Remediation, CIS Benchmark Hardening

Network Security: Wireshark, Packet Analysis, TCP/IP, Firewall Configuration, Palo Alto Networks, Intrusion Detection & Prevention (IDS/IPS), Network Security Architecture, Security Policy Implementation, VPN (WireGuard, Tailscale), DNS Configuration, Network Segmentation

Identity & Endpoint Security: Active Directory, Group Policy (GPO), Domain Controller Hardening, Endpoint Protection, Microsoft 365, Entra ID, Windows Server 2022, Windows 11, macOS

Cloud Security: GCP (IAM, IAP, Load Balancing), AWS EC2, OpenTofu/Terraform, Docker, Cloudflare

Automation & Development: Python (Pandas, Streamlit, Plotly), Bash, Node.js, React, LLM/REST API Integration, Git/GitHub

Systems & Virtualization: Proxmox VE, VMware, Kali Linux, Arch Linux, Linux Administration, SSH,

Other: HTML/CSS, ITSM/ITIL, TeamDynamix