Brendan J. Senatus

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EDUCATION

KENNESAW STATE UNIVERSITY Kennesaw, GA
Bachelor of Science Expected May 2027
Major in Cybersecurity; Minor in Computer Science
Relevant Coursework: Programming I, Programming II, Principles of Cybersecurity

GRAYSON TECHNICAL SCHOOL Loganville, GA
Cybersecurity Certificate August 2022 – May 2023

- Achieved Platinum tier (top 30% nationally) in the CyberPatriot competition, demonstrating expertise in device hardening and vulnerability identification across Ubuntu, Windows Server, and Windows environments.

TECHNICAL EXPERIENCE

CENTENE CORPORATION May 2026 – Present
Cloud & AI Security Incident Response Analyst Intern

- Designed and built an automated incident-response test environment on Azure using Terraform and GitLab CI/CD, cutting setup time from ~3 hours to ~10 minutes (over 90%) with automated attack simulation and containment actions
- Shadowed cloud security incident response analysts on live AWS and Azure tickets as part of an advanced, specialized team, gaining exposure to real-world detection and response workflows
- Shadowed cloud security engineers on infrastructure changes and gained exposure to AI security work
- Applied cloud security best practices including RBAC, secrets management, and least-privilege identity hygiene

CLOUD SECURITY HOME LAB March 2025 – Present

- Designed and deployed a virtualized security lab using Ubuntu Server and Kali Linux to simulate real-world cloud infrastructure.
- Configured networking using bridged and NAT modes to simulate internal and external environments for traffic flow and threat analysis.
- Implemented Elastic Stack for log aggregation and built custom Kibana dashboards to monitor failed SSH logins and system events.

PERSONAL SECURITY OPERATIONS CENTER WITH AZURE SENTINEL February 2025

- Built a Security Operations Center (SOC) by deploying a custom SIEM system using Azure, enabling real-time monitoring and alerting for security events across a virtualized environment.
- Configured and integrated Azure Virtual Machines with Microsoft Sentinel for log collection and analysis, focusing on RDP-related security events and incidents.
- Developed custom detection rules and alerting mechanisms in Microsoft Sentinel to identify and respond to critical security incidents.

FIRST-YEAR RESEARCHER September 2023 – May 2024
Kennesaw State University

- Researched adversarial attacks on AI models, focusing on healthcare applications.
- Examined real case studies of cyberattacks on US healthcare systems, determining common weaknesses and points of attack to guide preventative security steps.

ACTIVITIES

KENNESAW SOCIETY OF BLACK COMPUTING PROFESSIONALS Kennesaw, GA
Event Coordinator June 2024 – Present

- Coordinated with executive leadership team to secure appropriate physical spaces, accommodating specific event requirements.
- Facilitated a partnership between Fiserv and KSBCP, leading to an expansion of mentorship programs for underclassmen, the development of technical workshops, and resume review services.

ADDITIONAL

Technical Skills: Security Operations & Incident Response, SIEM & Log Management (Microsoft Sentinel, ELK Stack), Security Monitoring (Firewalls, IDS/IPS), Operating Systems Security (Windows, Linux/Ubuntu), Cloud Security (Microsoft Azure, Identity & Access Management), Network Security (TCP/IP, DNS, HTTP, SSL), Programming & Automation (Python, Java, Bash), Endpoint Protection, Risk Frameworks (OWASP), Terraform, GitLab

Certifications: CompTIA Security+, Microsoft Certified: Azure Fundamentals (AZ-900) (Expected 2026), AWS Certified Cloud Practitioner (CCP) (Expected 2026)

Awards: 2023 & 2025 Fall Kennesaw State University President's List