Sam Miller
Marietta, GA | P: 385-900-9297 | SJ.Miller2k@gmail.com | Portfolio | Linkedin

EDUCATION

KENNESAW STATE UNIVERSITY Kennesaw, GA
Bachelor of Business Administration, Information Security and Assurance Expected Dec 2025
Cumulative GPA: 3.81/4.0; President's List (3x), Dean's List (1x)
Relevant Coursework: Data Analysis, Java, Python, Business Analytics, Management, Cloud Security, Auditing

USG GOES GLOBAL London, UK
Study Abroad Program in Cybersecurity and International Business and Globalization Jun 2024 - Jul 2024
Relevant Skills: International Culture, Adaptability, Problem Solving

RELEVANT EXPERIENCE & PROJECTS

IT Audit Risk Analysis - ABC Company
IT Audit Class Project Jan 2025 - May 2025
- Conducted a risk assessment for a simulated organization based on control narratives.
- Identified control weaknesses, documented potential business impact, and recommended mitigation strategies aligned with SOX compliance.
- Presented audit findings in a structured summary and gained experience in control evaluation and IT governance.

AutoLink - AWS Cloud Security Architecture Jan 2025 - May 2025
Cloud Security Strategy Project
- Designed a secure cloud infrastructure for a fictional automobile company using AWS best practices.
- Implemented IAM policies, VPC configurations, S3 encryption, and multi-AZ architecture to ensure high availability and data protection.
- Developed a cloud security strategy that included backup plans, disaster recovery, Shield protection, and monitoring with CloudWatch.
- Presented solution documentation and architecture diagrams outlining identity management, risk mitigation, and compliance measures.

Custom Encryption/Decryption Tool
Python Security Script Project Aug 2024 - Dec 2024
- Developed a Python tool that decrypts a hex-encoded message using bitwise rotation and XOR logic.
- Implemented a custom decryption algorithm, reversing bit-level encryption and chaining logic.
- Added functionality to compute the SHA-256 hash of a message using Python's hashlib module.
- Demonstrated secure data processing, binary manipulation, and cryptographic hash generation.

PROFESSIONAL ORGANIZATIONS & ACTIVITIES

Upsilon Pi Epsilon International Honors Society of Computing and Information Disciplines Kennesaw, GA
Member of UPE May 2025 – Present
- Recognized for academic excellence in computing disciplines; maintains a GPA of 3.0+ on a 4.0 scale.

BUSINESS TECHNOLOGY ASSOCIATION Kennesaw, GA
Member of BTA Nov 2024 - Present
- Collaborates with peers and industry professionals to bridge business operations with emerging technologies.
- Focuses on cybersecurity, data analytics, and IT consulting.

NATIONAL HONOR SOCIETY Kennesaw, GA
Member of NHS Mar 2023 – Present
- Maintains high academic standards with a GPA of 3.0+ on a 4.0 scale.

FELINE GOOD RESCUE Marietta, GA
Volunteer Aug 2019 – Present
- Assists in rehabilitating and rehoming cats, contributing to successful adoptions.
- Engages in care tasks, including feeding, socializing, and providing medical attention.

TECHNICAL & SOFT SKILLS

Technical Skills: Java, Python, Bash, Terraform, C++, HTML, Linux, Microsoft Access, Tableau, Microsoft Office, Data Analysis, SQL, Power BI, Wireshark, Risk Assessment, Cloud Security (AWS, Azure), Excel

Soft Skills: Public Speaking, Team Management, Leadership, Mentoring, Organization, Analytical Thinking, Problem-Solving, Business Process Improvement

CERTIFICATIONS & TRAINING

Python Bootcamp – Udemy, **Cybersecurity Certification –** Cisco Networking Academy, **Intro to Cloud Security –** Simplilearn, **CompTIA Security+** (In Progress)