Axel Taylor Awey

Alexandria, VA • (517) 612-5867 • aawey@gmu.edu • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

EDUCATION

**George Mason University – ** Fairfax, VA   July 2026 (Expected)
Bachelor of Science in Information Technology
Relevant coursework: Introduction to Comp. Sci., Discrete Mathematics, Data Structures & Algorithms, Calculus 1
Organizations: CodePath, ColorStack

SKILLS

Programming: Python, Bash, Scripting, AES, Linux,
Technology: AWS, HTML, CSS, JavaScript, Docker, AWS VPC, AWS S3, EC2
Database: MySQL

CERTIFICATIONS

- **Certifications**: [AWS Certified Solutions Architect - Associate](#) [AWS Certified AI Practitioner](#)   [Codepath Cybersecurity](#)

INTERNSHIP EXPERIENCE

Amazon Web Services - Cloud Support Associate Intern | Herndon, VA   May 2025 - Aug 2025
- Developed technical support troubleshooting strategies to solve issues across multiple AWS Services including but not limited to EC2, S3, VPC, Bedrock, and more.
- Created and successfully executed test cases and scenarios in isolated environments for solution validation to identify service behavior patterns.
- Built and analyzed networking solutions, including deployment of a multi-region Transit Gateway setup to enable secure, scalable VPC connectivity and AWS resource distribution.

Albion College AmeriCorp Sustainability Internship - Intern | Albion, MI   May 2022 - Aug 2022
- Assisted in the formation of an automation system for a future plan to introduce Solar-powered electricity on campus.
- Contributed to the renovation of the college's student farm and Albion Community Garden in order to broaden and introduce healthier meal options for students on campus as well as the community.
- Researched different methods and mechanisms to aid the growth of the college's grass bodies and floral establishments.

PROJECTS

Transit Gateway Setup and Flow Analysis
Developed a **multi-region** Transit Gateway architecture with flow logs for VPCs and Transit Gateway coupled with an **AWS Network Manager** for real-time Transit Gateway visualization, monitoring, and troubleshooting of cloud networking environments.
- Developed and launched a multi-region Transit Gateway to establish **secure and scalable** VPC connections to distribute AWS resources successfully.
- Configured network routing tables for **Transit Gateway attachments** to proper **traffic segmentation** and **minimal latency** across AWS Regions.
- Enabled and analyzed VPC and TGW **flow logs** to capture network traffic to diagnose connectivity issues and misconfiguration detections.
- Integrated **AWS Network Manager** to map **real-time network topology,** to **monitor route propagation,** and health tracking for inter-VPC connections.

Serverless Resume Upload & Notification System
A serverless solution for secure resume upload and storage for recruitment procedures, automated event handling, and real-time monitoring.
- Designed architecture using **S3**, **Simple Notification Service (SNS)**, **EventBridge**, and **CloudWatch.**
- Utilized **Amazon S3** for encryption and versioning of **scalable storage**. Implemented **EventBridge** to trigger workflows on resume uploads.
- Used **AWS Simple Notification Service (SNS)** for instant notifications to subscribers.
- Integrated **CloudWatch** for audit logging and performance tracking.

cryptvault.- Encryption & Decryption Application | [View Project](#)
A Python project that allows you to encrypt and decrypt messages using various cryptographic algorithms. The features are encryption **:** Encrypt your messages using advanced cryptographic algorithms. Decryption encrypted messages back to their original form, along with a user-friendly interface that allows users to perform this function.
- Studied & Implemented SSH strategies for **secure hashing**.
- Utilized **AES (Advanced Encryption Standard) algorithms** for data to be encrypted and decrypted.
- Designed and constructed an **HTML** and **Python** project to create an app that executes encryption and decryption on data.