

Emily Elizabeth Alayon

IT Professional

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Address Kassel, Germany

Nationality: U.S.A



EXPERIENCE

Freelance, PA, U.S.A. — IT Freelance

Oct 2024 - Jun 2025

- Client: Elite Tactical Armory - Data migration for 44 customer accounts from Storedge to Configio.
- Client: Fairfax County School District - Installed and tested 783 AED units across 221 school buildings. Wrote SOPs for future inspections of the units, ensuring easy maintenance for the client.
- Other Services: Basic computer & printer repairs.

Desales University, PA, U.S.A — Overnight Security Dispatcher

Oct 2024 - Jun 2025

- Coordinated officer and EMS services for a 5,000+ person campus.
- Wrote incident reports for the department's internal logs.

Globalstar, LA, U.S.A — SOC Analyst Intern

Sept 2022 - Mar 2023, Sept 2023 - Mar 2024

- Demonstrated proficiency in network work monitoring within a security operations center.
- Triageed security alerts across 1500+ devices in Splunk.
- Investigated failed logins, IPS/WAF alerts, port scans, SQL injections, and traffic anomalies.
- Conducted user verification for flagged accounts, contacting employees across our global offices to confirm identity and validate suspicious activity.
- Used Rapid7 InsightVM to find important patches and met with network engineers to get them fixed.
- Logged network traffic alerts in Jira and escalated problems when required.
- Updated the SOC Splunk Runbook with clearer, more efficient queries based on team input and my own testing.

United States Dept. of Ag., PA, U.S.A. — P.P.Q. Technician

June 2018 - Jun 2021

- Conducted field surveys, data collection, and technical reporting to support agricultural health, and federal regulatory compliance across assigned regions.
- Produced technical documentation including SOPs, field reports, data-findings summaries and ArcGIS maps.

NON WORK RELATED PROJECTS

Job Related Abilities

Communication

- Well versed in identifying and tailoring both oral and written communications demonstrated in the role of IT freelancer, dispatcher, and P.P.Q. Tech.

Technical Knowhow

- 1+ year of experience monitoring, detecting, and responding to security incidents in a SOC environment.
- Hands-on experience managing Cloudflare IP configurations.
- Skilled in using Splunk for log analysis, alert triage, and threat intelligence.

Team Collaboration

- Proven track record of fostering a positive and rapid response team dynamic, leveraging team strengths to enhance overall productivity and success both in the role of a dispatcher as well as a P.P.Q. Technician.

Industry Certifications

- BTL1 Security Blue Team SOC Cert.
- Microsoft Azure Fundamentals (AZ-900)
- Federal Acquisition Cert. (FAC-COR)

Contract Management

- Contributed to the USDA ALB eradication program by coordinating field operations, contracted crews, ensuring adherence to federal project requirements, and verifying contractor activities for regulatory compliance.

Leadership

Captained a 6 person international CTF team placing 9th out of 61 (2025)

Passed the Federal Contracting Officer's Representative Certification, which allowed me to manage government contracts and serve as an official

Security Awareness Campaign

Aug 2025

- Created a virtual private server for the GoPhish toolkit.
- Ran a phishing campaign with 8 participants to test awareness.

Website Launch [Link](#)

June 2025

- Launched a portfolio site that I continually update and manage.
- Developed using HTML, CSS, Java, and hosting server on Digital Ocean.

AZURE SIEM Honeygot

Sept 2023

- Deployed Azure VM honeypots simulating RDP brute-force attacks, capturing threat data in Sentinel SIEM.
- Powershell Scripting: Automated attacker geolocation parsing via API.

EDUCATION

Goethe Inst., Gottingen, Germany — *German Intensive*

Jan 2026 -

NJIT, Newark, U.S.A — *MSc IT Administration & Security*

Aug 2022 - Dec 2024

- Web Systems Dev., Internet & Higher Layer Protocols, Forensic Auditing, Enterprise Database Mgmt., Network Services Admin., Security & Privacy in Computer Systems, Network Mgmt. & Security

Oregon State University (OSU), Corvallis, U.S.A. — *BSc Horticulture*

Aug 2018 - Sept 2021

- Plant Physiology, Plant Chemistry and Large Scale Ag. Practices.
- Graduated Cum Laude

National Aeronautics & Space Adm. INSPIRE, Online, U.S.A — *High School STEM Program*

Aug 2010 - Dec 2013

- Competition Based
- Daily education on Mathematics, Physics, Engineering, Botany, etc.

VOLUNTEERING AND OTHER PROJECTS

DSSG eV., Berlin, Germany — *Technical Volunteer*

Oct 2025 - current

CyberRanges, Online, EU — *Capture the Flag Competition*

Sept 2025

- Team based incident Response.
- Tools Used: Wazuh, ELK Stack, Arkime and Velociraptor.

oversight representative. (2020)

Public Speaking & Presenting

First Aid teacher for the American Red Cross, running classes sized from 5 to 30+ students. (2021-2025)

Speaker at the USDA's Pride month internal training series. (2020)

STEM educational speaker for Paxinosa Elementary School 4th grade students. (2014)

Languages

English - native

German - A1

Japanese - A2/N4

Fureai Hall, Japan - Language Study
March 2023 - Aug 2023

Technical Proficiency

Network Monitoring:
Splunk, Rapid7 InsightVM, Wazuh, Wireshark

Cloud Platforms / Infrastructure:
Azure, DigitalOcean

Web Development:
HTML, CSS, JavaScript

Operating Systems:
Linux, Windows

Tools:
Cloudflare, Jira, Powershell (scripting), VirtualBox

References

David Kotz — Owner at National Safety Training center
908-229-6753

Rick Williams — Police Chief at Desales University
610-282-1100

David Schwartz — Retired Dept. Officer at USDA Easton, PA
732-604-9212