**Kayla** Ventresca

 Spring, TX 77388 | (479) – 420 – 1462 | Kayla.Ventresca01@gmail.com

**SKILLS**

Passionate cybersecurity professional eager to contribute to the growth of the next line of cybersecurity professionals through adaptability, attention to detail, excellent organizational skills, policy development skills, immersive training techniques, engaging course content creation, positive enforcement teaching methodologies and a meticulous security focused work ethic. With a passion for integrating security into every facet of an organization and showing the impact through real world scenarios to drive retention of information. Possessing years of experience in a leadership capacity for both the military and civilian workforce. I am excited to be continually challenged to learn, grow, and excel in the cybersecurity field while developing the next lines of defense in the process.

**EDUCATION**

* Ph.D. Cyber Defense, in progress, Anticipated Graduation 2026
* MS in Cybersecurity Management, Purdue University Global, 2021
* BS in Cybersecurity, Purdue University Global, 2019
* Security+ Certification, CompTIA, 2019

**EMPLOYMENT**

**Purdue Global University**

Remote

**8/2023 – Present**

**Adjunct Faculty – Cybersecurity and Business Information Technology track**

* Created engaging and manageable course content for a variety of classes, with an average class size of 45 students.
* Maintained office hours to help students with questions and provide educational support.
* Conducted weekly live seminars for online instruction.
* Recorded additional lesson information for student recall instruction.
* Actively participated in college meetings and committees as assigned.
* Taught a variety of classes to include module courses (fast track courses), security consulting, ethics, cybersecurity fundamentals, policy, and networking concepts.
* Maintained a positive and safe environment for all students and facilitated the growth and successful pass rate of my classes.
* Maintained 100% positive feedback from students during end of term surveys.

**Visa, Inc**.
Austin, TX  78759 United States
**03/2019 - Present**

**Senior Cybersecurity Analyst**

**Duties, Accomplishments and Related Skills:**

* Maintained expert knowledge of security zoning and networking architecture to maintain company-wide compliance with industry and global security standards such as Key Controls, Technical Security Requirements, PCI Standards, GDPR, HIPAA and Network Segregation Compliance Standards
* Collaborated with third-party customers and internal teams to successfully achieve program objectives and maintain optimal security controls
* Each fiscal year reviewing, approving, and performing remediation for findings of over 3,000 individual firewall rules to ensure complete compliance to internal, industry, and federal compliance standards.
* Performed efficient and accurate reviews leading to the successful completion of numerous critical projects, including complete Visa network launches throughout the globe.
* Conducted meetings with leadership and high-profile executives on security policy requirements, policy violation mitigation strategies, and required security countermeasures.
* Performed complete compliance review and violation remediation for the creation and maintenance of Kubernetes, OpenShift, Jenkins, Calico, and Docker and many other tools and applications.
* Helped in establishing the global internal cloud network, complete with network and zone segmentation. Closely working within AWS, GCP, and Oracle Cloud engineering and security teams.
* Expert knowledge in Archer, JIRA, SecureChange, Confluence, ServiceNow, Calico and AskNow.

**Apex Systems**

Houston, TX

**01/2022-06/2022**

**Contractor- Lead Cybersecurity Engineer**

**Duties, Accomplishments, and Related Skills:**

* Sole owner of the cybersecurity policy implementation of new cloud environment security posture.
* Wrote and maintained security and development run book.
* Conducted meetings with C-suite executives on security recommendations for novelty build and standard requirements.
* Worked with other development senior leaders in secure coding, software development lifecycle, regulatory requirements, and secure cloud infrastructure.
* Lead team in security first infrastructure build, implementing privacy by design as a full cycle requirement.

**US Army Reserves –** *inactive Secret security clearance*
North Little Rock, AR  72118 United States
**02/2014 - 08/2019**

**25B- Local Area Network Manager**

**Duties, Accomplishments and Related Skills:**

* Served as primary LAN manager for 90th Sustainment Brigade, and Network Security Assurance team creator and lead.
* Excelled in maintaining, managing, and distributing all assigned IT equipment.
* Successfully maintained and managed life cycle replacements and upgrades for all system equipment.
* Became the SME (subject matter expert) on the critical CPOF system, with complete responsibility in the management, maintenance, and troubleshooting of the system.
* Wrote, lead, and delivered presentations and training on Army Cyber Awareness, Compliance standards, Army Computer Acceptable Use Policy, and other DOD policies as required
* Created support documentation that empowered and enabled user community to extend skills, leverage system features, and find resolutions to questions without intervention from support team

**Cooper Clinic**
Fort Smith, AR  72903 United States
**10/2016 - 10/2017**

**Implementation Specialist**

**Duties, Accomplishments and Related Skills:**

* Suggested solutions to developing problems during project so that correct modifications could be made
* Ensured implementation is tailored to client needs by focusing solutions on industry-specific workflow, client base and protocols
* Configured, installed, and handled troubleshooting tasks for variety of different applications
* Explained complex, technology-related issues in basic, understandable terms to clients
* Fully implemented federally required Electronic Medical Records System (EMR) by personally training 20+ physicians, nurses, and staff in use of system

**Volunteering**

WiCyS – Senior Mentor

WiCyS – Military Transition Mentor

Klein ISD – Science Technology Engineering Art and Mathematics (STEAM) school district career presenter

Military Employee Resource Group – Vice President

Yellow Ribbon – Member

ISC2 – Member

CompTIA – Member

Sprinkle Squad – Birthday cake baker for foster children

Community Safety & Security Chair