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Edgewater, MD



MARY MARGARET CHANTRÉ

sUMMARY

* 15 years’ worth of experience in Research and Development in the Cyber Security/Project Management/Cyber Counterintelligence /Network Security Architecture/Malware Reverse Engineering
* Subject matter expertise in: Qualitative and Qualitative Analysis
* Developing business strategies to enhance overall cyber security program. Maintaining and improving security posture for IT governance.
* Advanced Persistent Threat (APT)/ Cyber CI (Counterintelligence)
* Cyber Security Forensic (malware analysis/ identifying intelligence related activity)
* Cyber security for critical infrastructure Nuclear, Oil, & Gas (SCADA/NERC CIP)
* Cyber security (FISMA) for US Government DoD (DIACAP), Civilian (NIST)
* Advanced cyber intrusion analysis/detection/forensic (rootkit, malware, etc.)
* Penetration Testing for large enterprise networks.

**Program Manager/Instructor – LEAD Cyber Network Defense ANAYLST**Leidos Inc. | 2018-Present

* Worked for the Program Management office to define and uphold standards for project management operations within the organization.
* Managed Delivery Order with multiple Technical Task Orders in an acting “Program Management” role.
* Produced reports & briefings to provide an accurate depiction of the threat landscape that impacted the US Congressional resource. Liaison for Cyber Threat Analysis entities such as Joint Cyber Threat Working Groups, Law Enforcement, DOD and the Intelligence Community. Developed Tactics, Techniques and Procedure (TTPs) reports
* **Provided training and support to organizations and POC’s** to meet compliance of DOD Directives. Monitors and coordinates DISA’s Cybersecurity program compliance RMF reporting, analyzing, validating and adjudication of A&A evidence, artifacts, and POA&Ms. Oversees the Cybersecurity readiness posture within DISA.
* Responsible for staffing TTOs, coordinating deliverables and budget development/financial forecasting as mandated by CDRLs and FAR, DFAR contract requirements.
* Provided management oversight for requirements collection, cost control, schedule, and development of a technology planning database.
* Managed the coordination, oversight, and synchronization of the Master Schedule in the in the Joint Migration office, and led 4 project schedulers, ensuring the application of sound project management and scheduling disciplines.
* Managed the development of and updates to the Master Schedule, **providing Government management a mechanism to monitor the status of 200+ project valued more than $150M.**
* Prepared customer for the Engineering Review Board (ERB) process from cradle to grave.
* Validated and monitored all projects through the ERB governance process, ensured proper documentation, satisfied all technical milestones, as well as, framed and resolved all engineering-related project issues.
* Served as primary interface with Leidos and U.S. Government Key Component representatives.

**Instructor - Cyber Network Defense ANALYST**Leidos | 2018-2019

* Worked with the Program Executive office to ensure adherence to the guidelines and practices standardized by the PEO during project planning, preparation, and execution.
* Taught classes in Identity Management (NIST 1800 and 800-53), Software Defense Perimeter,
* Provided weekly status to management including progress and action plans for addressing risks/issues/changes that identified specific goods, products, and resources.
* **Led 8 individuals in demonstrating superb team technical performance**, ensuring quality and timeliness of products and services, professional development, and assignment of staff
* **Increased production by 75%** through acting as the driving force and leader, facilitating quick and efficient resolution of day-to-day situations, technical and general project issues.
* Managed a curriculum development and technical manuals for DCO fly away kits in support of 200-300 IT Personnel.

Cyber Network Defense Analyst/

Trainer

education

**doctor of education in leadership and management/ concentration in cyber security**Capella University, Minneapolis, MN

**Master of Arts in Education in Curriculum and Instruction** University of Phoenix, Phoenix, AZ

**Bachelor of Arts in Professional English (Cum Laude)**North Carolina A&T University, Greensboro, NC

**PROFESSIONAL TRAINING**

* **Certified Information Systems Security Professional (CISSP)**
* **Certified Data Privacy Solutions Engineer (CDPSE)**
* Project Management Professional (PMP). In progress
* Member of ISC2, and WiCyS, AFCEA, Zeta Phi Beta INC, AND Eastern Star
* Project Management Certificate
* Network Fundamentals Certificate
* LINUX Fundamentals Certificate
* Cloud Computing Certificate
* Cyber Security Fundamentals Certificate
* Certified Manager Training Professional (CMTP)
* **US Army Battalion/Brigade Signal Officer Course**
* **US Army Signal Officer Advanced Course and Signal Officer Basic Course US Army Officer Candidate School.**

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skill highlights

* Quantitative and Qualitative Analysis
* Teaching
* LINUX
* Security Tools & Firewall Administration
* RMF
  + Nessus
  + Fortify
  + Advance-

Detective-PRO

* Security Event Analysis
* Firewall Configuration
* Scripting
* Solution Development within enterprise network environments
* Curriculum and Instruction
* Cyber Analytics
* Identity Management
* AI/ML Framework
* SDLC
* Software Defined
  + Perimeter

Experience – continued

* Continually researched and applied new ways to help employees better develop and harness their skills, assisted them with the technical, social, and personal issues within the company.
* Led teams in the development of an open source platform focused on scalability in multi-tenant environments, support continuous improvement in system visibility and applications with advanced monitoring, metric, and log analytics. **Resulting in an ROI of 90%**
* Identified the root causes on critical problems throughout the platform, incident reports and working with engineering team members in steps to resolve issues.

**Doctoral Professor in Cyber Security**Capitol Technical University | 2015-2019

* Developed and instructed advanced courses in Cyber Security.
* Taught undergraduate, graduate and doctorate level course in Data Science, Business Impact Analysis, Cyber Security, LINUX/WINDOWS Command Line, OS, C++, Python, Penetration Testing, Incidence Response and the Risk Management Framework (supported by NIST SP800-53, 800-171 and 800- 37) Network Fundamentals and Security Plus.
* Developed course syllabi, lab activities, presentations, and manuals in conjunction with college leadership. Conducted research & development for Artificial Intelligence programs and Identity management.

**Program coordinatoR for Cyber Security Department**Forsyth Technical Community College | 2016-2018

* Supported student achievement through safeguarding data privacy and cybersecurity of district systems and ensuring the continuity and control of all appropriate functional areas and projects in the assigned area of responsibility. Taught undergraduate courses in Network Essential & Fundamentals, Cyber Law, Intro to Cyber Security, and HTML
* **Provided leadership in the development, implementation and adherence of cyber security policies**, processes, and standards for the security of hardware and software, as well as mitigated a plan in place for possible breaches.
* Oversaw a District data privacy program including its guiding principles, policies and procedures, and associated risk management processes.
* **Managed a team of 8 project team members** in the development and creation of the instructional design and curriculum development process for undergraduate and graduate courses across multiple academic disciplines and programs.
* Increased productivity and reduced turnover rate through advanced training and professional development programs, developed in collaboration with Human Resources.
* Led, developed, and implemented online learning strategies for adults. Developed rubrics, discussions, quizzes, project-based activities, and assessments using interactive media.
* Provided faculty and project team with leadership, instructional design, and technology guidance throughout the development lifecycle.
* Developed learning templates, tools, and processes to streamline the development process for the project team and integrated this with our project management information system.
* Developed, implemented, and enforced cybersecurity policies, processes, and standards, and implement best practices as they pertain to Section 508 and University core values. **Oversaw cybersecurity programs to support more than 6 institutions**, ensuring system and network availability and data privacy.
* Performed risk management functions and implemented breach mitigation measures. Coordinated data retention, protection, and retrieval.

Cyber Network Defense Analyst/

Trainer

Experience – continued

**Executive Officer and Assistant to Dean of Academics**United States Army Cyber Center of Excellence | 2014-2016

* Provided confidential and strategic administrative support by compiling program information, supporting report preparation, handling information requests, and performing relevant administrative support functions.
* Developed and maintained filing systems relevant to the administrative operations of the office, and performed a variety of high-level support, including drafting correspondence, researching institutional polices on issues and preparing communications.
* Oversaw faculty through qualified selection, cooperation, strategic preparation, and targeted feedback to ensure compliance with Army standards and broad mission mandates.
* Developed a holistic approach to tackle performance problems, identified root causes, and suggested training-based solution.

**Director of Curriculum Development & Instructor Development**United States Army Cyber Center of Excellence | 2013-201

* Responsible for the development, editing, quality control, and production of the curricula, as well as management of the CAS Curriculum and Professional Development Department.
* Planned, developed, and taught IT and Cyber security related instruction to address tactical communications and IT systems doctrine, planning, execution, and resource allocation, Risk management, policy, curriculum, and Instruction.
* Taught efficient installation, operation, and maintenance of data communications, encryption, COMSEC management, teleprocessing, and database systems.

**PPROGRAM MANAGER/sENIOR CYBER ANAYLST - Cyber Operations**United States Army Cyber Center of Excellence | 2011-2013

* Worked with INSCOM, DISA, NSA &DoD. Led the program to provide the Cyber Protection Team a reliable facility for daily operations aligned with performing strategic business objectives.
* **Oversaw six employees and a budget of $1.5million** as the Project Manager for Cyber Security Program.
* **Reduced "Design to Production" rework 98% and increased bid accuracy 33%** by directing a team of 15 implementing a CAD/CAM system within 2% of the performance measurement baseline (PMB)Reviewed proposed new systems, networks, and software designs for potential security risks.
* Significant technology contributor to the success and growth of the Cyber Brigade Teams from 350 to 500 employees over a 2-year period.
* Applied PMI processes for all Cyber Security projects, redesigned cyber security processes through BRP, and used Six Sigma for quality enhancement on multiple cyber projects.
* Performed static & dynamic analysis of malware (APT) and its delivery mechanism (malicious documents e.g. pdf, doc, etc.).
* Extracted TTP, exploit, author attribution, C2, and more. Utilized custom sandbox to isolate malware, unpack malware, monitoring registry changes, and identifying malware communication channels.
* Analyzed high-level language constructs (branching statements, looping functions, network socket code, and more) of malware/APT.
* Performed digital fingerprinting to determine foreign adversary/actor behind malware/spear phish and correlated the data back with the Intelligence community.
* Used malware (APT) analysis to develop IDS signatures (Snort), FW rules, AV signatures, NetWitness Meta, and create ArcSight channels/reports for APT specific threats

**Program Manager (Test and Evaluation)**Army Test and Evaluation Center | 2009-2011

* Supported test and evaluation strategies to field effective, interoperable systems that include making recommendations on certification and accreditation processes.
* Led and facilitated ATEC's test and evaluation efforts for systems within the Command, Control, Communications, Computers, (C4) and Intelligence, Surveillance and Reconnaissance (ISR) (C4ISR) portfolios.
* Oversaw the integration of all ATEC Test and Evaluation activities and synchronizing all ATEC System Team products and coordinating with members for all formal products and briefings.
* Led the development of the System Evaluation Plan (SEP) and the Evaluation Decision Review in the planning phase of assigned project(s).

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