

PAUL CHRISTIAN NIELSEN, PHD

CISSP, CCSP, PCI-QSA, PCIP

Accomplished hands-on Security and IT Manager with experience managing initiatives in multiple technical disciplines, including network and information security, software development, and more. Adaptable, with the demonstrated ability to lead and manage customer focused projects in a fast-paced and demanding environment. An analytical thinker with proven success deriving meaningful cost-effective solutions to business problems. Excellent oral and written communication skills.

PROFESSIONAL EXPERIENCE

UNIVERSITY OF DALLAS Affiliate Assistant Professor

1/2016 – present

- Full time instructor in the CyberSecurity Center of Excellence at the Satish & Yasmin Gupta College of Business. In this position, I deliver, develop and improve courses in this DHS and NSA recognized program. I have taught in this program for over nine years as an adjunct while continuing my corporate consulting career, and have begun teaching as a full time instructor in January of 2016. I provide relevant, current and practical insights into the many security challenges present in today's information society.

EXPERIS CONSULTING (A MANPOWER GROUP COMPANY formerly Jefferson Wells)

1/2016 – present

- Part time Security Consulting manager participating in a broad range of security assignments. Perform and manage security and regulatory assessments and audits including PCI (QSA), HIPAA, ISO and others. Identify issues, develop remediation plans and direct remediation efforts. Manage multiple client engagements. Supervise other resources as required. This is an ad hoc position which supports my current full time teaching by continuing to provide hands on experience in the current corporate security and compliance environment.

EXPERIS CONSULTING (A MANPOWER GROUP COMPANY formerly Jefferson Wells)

7/2013 – 1/2016

- Security Consulting manager participating in a broad range of security assignments. Perform and manage security and regulatory assessments and audits including PCI (QSA), HIPAA, ISO and others. Identify issues, develop remediation plans and direct remediation efforts. Perform network and application vulnerability analysis. Develop and evaluate policies and procedures, incident response and disaster recovery plans. Manage multiple client engagements. Supervise other resources as required.

PATHMAKER GROUP Director, Security Consulting - Texas

11/2010 – 7/2013

- Hands on director of a security consulting team within the PathMaker Group providing daily leadership and direction.
- Provide risk based assessments and analysis for multiple industry verticals including Energy (NERC/FERC CIP), Medical (HIPAA/HITECH), Retail (PCI-QSA), Hosting Services (PCI & ISO 2700x), Education (Texas Administrative Code 202) and others. Produce gap analysis report and develop prioritized mitigation plans. Identify potential controls (Administrative, physical or technical) to mitigate exposures. Implement solutions when desired.
- Create policies and procedures to meet regulatory or standards requirements specific to business needs. Evaluate existing policies and procedures filling gaps and recommending changes to meet requirements.
- Develops disaster recovery and incident response plans to meet customer requirements.
- Does network and application vulnerability and Penetration testing (Black, Grey and White box) using a variety of tools.
- Does digital forensics using FTK3/4, EnCase, Helix. Utilizes write blockers and other SW & HW tools. Creates forensically sound images for analysis. Establishes chain of custody documentation. Works with law enforcement.
- Performs broad spectrum security work including general security assessments, PCI pre-assessments, PCI QSA audits, risk assessments for HIPAA/HITECH and meaningful use requirements, ISO 2700x (BS17799) assessments, wireless assessments, network architecture, physical assessments and more.
- Provides incident response and recovery for security events.
- Designs and evaluates general security architectures for clients. Provides recommendations for improvements.

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VERIZON/GTE Sr. Member of the Tech Staff – Info & Net Security/Enterprise Net Support - Texas

9/2002 – 6/2009

- Performed intrusion detection, prevention, and anomaly detection for the Verizon domestic footprint. Actively analyzed intrusion and anomaly information (logs & other records) escalating threats to their appropriate mediation group. Performed forensic analysis of attack patterns suggesting solutions to mitigate future attacks.
- Performed network and system vulnerability testing and analysis. Analyzed results of tests to suggest solutions to meet confidentiality, integrity, and availability requirements. Assisted other departments in meeting security policies.
- Managed multiple multi-year national projects and strategic initiatives achieving major cost savings and improved network security and availability. These projects resulted in multi-million dollar annual savings in circuit costs, through implementation of centralized access control management tools, improved uptime, and improved administration.
- Participated in the development and presented plans for highly available and secure network solutions in large distributed TCP/IP environments. Supervised implementation of multiple secure wireless Cisco networks (802.11a/b) resulting in significant gains in efficiency of field installation personnel as well as in-house network support personnel.
- Designed and implemented web-based metrics tracking tools using MS Access, SQL, VB script, C++, and Java Script for national projects and regional initiatives providing structured analysis of metrics to senior management.

VERIZON / GTE Technical Group Manager II – Enterprise Network Support - Texas

4/1998 – 9/2002

- Provided leadership and direction to nine Regional Managers and their staffs supporting large TCP/IP networks consisting of hundreds of Unix and Microsoft-based servers, Cisco and Nortel switches, routers, firewalls and other network devices.
- Supported enterprise level LANs and WANs providing high levels of availability, confidentiality, and integrity with a national footprint. Managed large-scale projects through the effective use of regional resources and achieved a better than 95% completion on time and on budget for national and regional projects.
- Planned and managed staffing increases and reductions to meet varying work demands. Did salary planning, workload adjustments, and facility changes while maintaining exceptional availability and security with decreasing human resources. Hired, trained and mentored a talented management staff who were sought after by other departments.
- Managed third-party desktop (Windows/Unix) support contracts. Negotiated annual contracts, statements of work, and service level agreements to achieve reduced mean time to repair, increased availability, and high customer satisfaction.

VERIZON / GTE Regional Manager – IT Network & Desktop Support (GTE) – Florida

4/1997 to 4/1998

- Directed daily operations within the Florida region which included the Carolinas and Georgia, supporting core needs (Desktop & Network Support) of internal and external customers while providing support for national initiatives.

University Of Dallas Graduate School Of Management Adjunct Professor (Part time) Texas

1998 - present

- Develop and teach masters level traditional standup, hybrid and Internet-based distance learning courses in the NSA and Homeland Security designated National Center of Educational Excellence in Information Assurance (Cyber Security) program. Also taught data communications, LAN & WAN technologies, and several different courses in telecommunications. Conducted multiple contract based intensive 5 day CISSP certificate boot camps.

EDUCATION AND CREDENTIALS

Nova Southeastern University – Ft. Lauderdale, FL • **Ph.D., Information Systems** (07/06)

University of Dallas – Irving, TX • **MBA, Telecommunications Management** (12/96)

Texas State University – San Marcos, TX • **Bachelor of Applied Arts & Science** (12/90)

Professional Associations & Certifications

Payment Card Industry Security Standards Council – Current **PCIP & PCI-QSA**

International Information Systems Security Certification Consortium (ISC2) – Current **CISSP & CCSP**
