

# CARL SCAFFIDI

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## QUALIFICATIONS PROFILE

Solutions-oriented professional seeking opportunity to apply my technical talent to help a company achieve its business objectives.

- Bachelor of Science in Electronics and Computer Engineering Technology, minor in Security Technology and Intelligence Studies (3.4 GPA), graduated cum laude May 2005
- Proven performance to quickly contribute value within a new business environment
- Experience at preserving data integrity through various backup, recovery, and security strategies
- Strong skills in performing comprehensive root-cause analyses while diagnosing and optimizing management information systems
- Able to quickly learn and implement new programming languages and applications, procedures, and technologies
- Strong hardware skills working with various types of components from networking to computer chipsets

### *Core Technologies*

Environments: Windows 2003/2008/XP, Vista, 7, UNIX, Linux, Active Directory (LDAP), VMWare ESX, Solaris, CentOS  
Products: Qualys, Nessus, Archer, Triumphant, Ounce, Agilience, Tipping Point, Clearpoint  
Frameworks: ISO 27002, CoBIT 4.1, PCI, COSO, SOX 404, Federal Desktop Core Configuration, Secure Code Review  
Applications: Microsoft Office (Word, Excel, PowerPoint, Outlook, Visio, Project) and FrontPage, Web Expressions; Adobe Photoshop, Visual Studio  
Languages: C, C++, VHDL, HTML, PHP, JavaScript, Java, PL SQL, SQL

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## PROFESSIONAL EXPERIENCE

**PRICEWATERHOUSECOOPERS**, Atlanta, Georgia

December 2010 to Present

*Manager*

*Threat & Vulnerability Management*

Manager focused on threat and vulnerability management within PwC's Advisory Security Group.

Project management and security subject matter expertise for the design and implementation of an enterprise information security program governance model, plus the development of program and deployment plans for the following information security work streams tabbed to improve the overall security posture of an organization with relation to FTC & PCI requirements:

- Network Segmentation
- Network Device Hardening
- Firewall Rule Sets
- IDS/IPS Filter Sets
- Wireless Network Management
- Vulnerability Management
- Server & Database Hardening
- Two Factor Authentication

Coordination of projects involving business requirements gathering, functional requirements gathering, gap analysis, capital requests and resource requirements for infrastructure related security projects.

*Senior Consultant*

*Threat & Vulnerability Management*

Senior Consultant in the Security Strategy and Risk Management Organization within Accenture's Security Technology Group.

- Threat and Vulnerability Management lifecycle development and security assessments to achieve compliance with relevant regulations and industry standard practices including Qualys & Nessus network vulnerability scanning, voice infrastructure penetration testing, social engineering, wireless network sweeps and penetration testing and physical walkthroughs and diagnoses of physical security in data centers and office buildings.
- Advisory of security frameworks and processes to measure the impact of security on IT and business operations focusing on Vulnerability Scanning, Security Incident & Event Monitoring and Patch Management using ISO 27002 framework.
- IT Security risk assessment baselining, gap analysis and benchmarking based on COBIT and ISO 27002 capabilities maturity model to develop deficiency remediation plans and future roadmaps:
- IT Security Strategic Planning
  - Risk Management
  - Asset Management
  - Compliance Programs
  - Human Resources Security
  - Identity & Access Management
  - Security Testing, Surveillance and Monitoring
  - Security Incident Planning
  - Protection of Security Processes and Technologies
  - Malicious Software Detection, Prevention and Correction
  - Communications & Network Security
  - Data Privacy
- Creation and deployment secure configured baselines for CentOS & Solaris operating systems. Development of system platform upgrade and roll out plan with configuration of LDAP clients and Kerberos authentication.
- RSA Two Factor Authentication Implementation for enterprise end-user Windows and Windows Mobile devices.
- Single Sign On design and implementation of Web Federation using Ping Identity. Architecture design, task estimation and documentation.
- SAP process and subsequent sub-processes control design based on SOX.
- Experience with COBIT Standards, PCI Standards and ISO 17799. Business Continuity and Disaster Recovery, Third party service policy, Security risk and management policies and Network Security.
- Security Standards and Best Practices
  - Network Infrastructure
  - Wireless Infrastructure
  - Voice Infrastructure
  - Remote Access
  - Email & Collaboration (Microsoft Exchange & SharePoint)
- Server side development of JAVA code for Mobile Scanning Applications and MQ series messaging. Developed and implemented authentication and encryption login credentials for use with Active Directory and LDAP using a RADIUS server for wireless authentication and login.

Successfully completed Accenture professional education courses:

- Core Analyst School
- Infrastructure Design School
- Core Consultant School
- Project Management: Work Planning & Monitoring

**KPMG LLP**, Atlanta, Georgia

June 2005 to March 2006

*Consultant*

Consultant with KPMG, a big-four accounting firm. Worked in the Information Risk Management practice of the 3,000 person U.S. Advisory Services group. Experienced with Sarbanes Oxley Section 404 Information Technology auditing and trained in PCAOB auditing standards. Performed various tests of Information Technology General Controls as well as tests of Application Controls over financial reporting.

**SAMSON EQUIPMENT**, Las Cruces, New Mexico

April 2004 to May 2005

*IT Project Manager*

Oversaw all aspects of Technology Department - both hardware and software related, including Website design, graphic design and server administration. Designed magazine advertisements and layouts as well as other special projects. Enhanced usability of company Website by improving navigational tools and cleaning up format.

**VERIZON**, Tampa, Florida

Summer 2001

*Data Services Intern*

Performed computer programming, Web design, and Web server integration for the Data Services Dept. Streamlined information access, eliminated redundancy, and improved "update" efficiency by consolidating information from various servers and creating an intranet site for the entire department.

**DIVISION OF ALCOHOLIC BEVERAGES & TOBACCO**, Tampa, Florida

Summer 2000

*Intern*

Provided computer and network support. Conducted case investigations, prepared/produced graphic presentations, and authored program/policy/procedure documentation.

**IBM**, Tampa, Florida

Summer 1998 & 1999

*Intern – Software Application Development Center*

Contributed to Y2K compatibility initiative by providing computer programming and LAN support. Updated peer computers in preparation for 2000.

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## **EDUCATION AND CREDENTIALS**

**KPMG LLP**, Atlanta, Georgia

June 2005 to March 2006

*Consultant*

Successfully completed KPMG professional education courses:

- COSO Overview
- IT Considerations in External Audit
- KPMG Auditing Methodology
- PCAOB Auditing Standard No. 2
- PCAOB Auditing Standard No. 3
- Risk Advisory Services New Hire Training
- Southeastern U.S. Risk Advisory Services Risk Management Training

**NEW MEXICO STATE UNIVERSITY**, Las Cruces, New Mexico

2000 to 2005

*Bachelor of Science in Electronics and Computer Engineering Technology, Minor in Security Technology and Intelligence Studies (3.4 GPA), graduated cum laude May 2005*

Examined a wide variety of current systems, their components, and related QA practices. Conducted, analyzed, and interpreted experiments and applied experimental results to improve processes. Key courses:

- Programming & Software: C and C++ Programming, VHDL Programming, Database Design and Applications Including SQL and Oracle, Operating Systems and Interfacing Including UNIX/LINUX
- Technical & Hardware: Digital Logic and Applied Circuits, Solid State Electronic Devices, Amplifiers, Applications of Digital/Linear Integrated Circuits, Microprocessor Architecture/Design, Instrumentation Sensors and Signal Conditioning, Calculus III, General Physics, Network System Design
- Security Technology: Criminal Investigation and Intelligence, Security Technology and Loss Prevention, Computer Forensics, Analysis of Physical Security Systems, Information Security
- Business: Statistical Analysis, Human Relations in Organizations, Engineering Economy and Law, Quality in Manufacturing

*Honors/Awards:*

- Who's Who Among Students in American Universities and Colleges
- Sun Belt Conference Academic Honor Roll (>3.0 GPA during season)
- Sun Belt Conference Commissioner's List (>3.5 GPA during season)
- NMSU Academic Honor Roll (>3.0 GPA for NMSU Athletes)
- Division 1A Football, Quarterback / Tight End (2000-2004); Two-year Letterman
- Wonderlic Aptitude Test Score: 43 out of 50

*Affiliations:*

- Crimson and White Society (>3.5 GPA for NMSU Athletes)
- National Society of Collegiate Scholars

~ Excellent References Available Upon Request ~