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Summary of Qualifications

CEO and Principal Consultant of SRC Consulting Group - focused on providing cyber security and risk management expertise to commercial and government customers worldwide. Building upon 15 years of practical and managerial experience gained through supporting major Department of Defense programs, we are seeking to establish a new model for engineering and management consulting services. SRC Consulting Group strives to deliver innovative, efficient solutions that result in compliant, resilient systems with minimal risk exposure.

Prior to founding SRC Consulting Group, I served as the General Manager (GM) of STAR Technologies, LLC – A DSCI Company. STAR Technologies' primary mission is to develop cutting edge security products and to provide unparalleled support services to government and commercial customers. STAR functions as the Cyber Security and Solutions Division of DSCI.

My career has grown from primarily technical roles to increasing levels of organizational leadership. While at Raytheon, I supported the development of software for the Federal Aviation Administration (FAA) Standard Terminal Replacement System (STARS). Later, I joined an MIT startup think tank, Oculus Technologies, which researched and developed early generation collaborative environments for engineering projects. Subsequently, at Maden Technologies, I managed a Cyber Security program for the U.S. Army's Space and Terrestrial Communications Directorate (S&TCD).

While at STAR/DSCI, my duties included establishing DSCI's cyber security division, serving on DSCI's Board of Advisors, providing embedded support to the U.S. Army's Intelligence and Information Warfare Directorate (I2WD), overseeing multiple contracts for the U.S. Departments of State, Defense, and Agriculture, launching STARFace, STAR Technologies' patented face recognition software, and pursuing and winning DSCI's first international contract in the Kingdom of Saudi Arabia.

In December 2007, I received the DSCI Corporate Leadership Award for leading the development and deployment of the Face Recognition product line.

In May 2006, I received the SAIC Award of Excellence for leadership and technical expertise in the execution of the Future Combat Systems (FCS) PKI Experiment 1.1.

In May 2002, I received a U.S. Army, Certificate of Appreciation for outstanding support during the Command, Control and Protect (C2P) Advanced Technology Demonstration (ATD), Fort Hood, TX.

I am currently a PhD candidate for Technology Management at Stevens Institute of Technology of Hoboken, NJ. I previously received a Master of Business Administration (MBA) in Technology Management from Stevens Institute of Technology of Hoboken, NJ [January 2006], a Master of Engineering / Computer Engineering (MECE) degree from Stevens Institute of Technology

[January 2000] and a Bachelor of Arts (BA) degree in History from Tulane University of New Orleans, LA [May 1993].

I have obtained the following training and certification credentials: Graduate Certificate of Special Study Wireless Computing; Coaching, Mentoring, and Team Building Skills; Leadership Skills for Supervisors and Managers; Certified Information Systems Security Professional (CISSP)

Experience:

SRC Consulting Group LLC, San Diego, CA

CEO / Principal Consultant

October 2012 – Present

I decided to form my own consulting firm focused on providing cyber security and risk management expertise to commercial and government customers worldwide. Building upon 15 years of practical and managerial experience gained through supporting major Department of Defense programs, I am seeking to establish a new model for engineering and management consulting services. SRC Consulting Group strives to deliver innovative, efficient solutions that result in compliant, resilient systems with minimal residual risk exposure.

DSCI, San Diego, CA

General Manager

May 2005 – September 2012

Upon being recruited by DSCI, I was tasked with establishing and growing their Information Assurance Division (IAD). In this role, I attained immediate success by growing the division from 3 personnel to 50 personnel within 3 years. Our competencies included Requirements Analysis; Systems Security Engineering; Certification and Accreditation. In 2007, IAD became the second largest division within the company and its most profitable.

Building upon this success, my next assignment expanded my role to oversee additional corporate capabilities including Information Technology (IT) and Software Development functions. Our existing capabilities were complemented by expertise in Agile Software Development; Virtualization, Server Consolidation, and Application Migration; Independent Software Quality Assessment. This combination led to rapid growth, increasing the organization to over 120 personnel within 2 years. During my leadership, the business unit consistently exceeded revenue and profit forecasts.

Stemming from a corporate reorganization that resulted in the splitting of three large business units (one of which I ran) into eight wholly-owned subsidiaries, I was subsequently tasked with leading an entrepreneurial push into offensive cyber capabilities, advanced surveillance techniques, and novel biometrics capabilities. Part of my efforts included being embedded in a Top Secret facility for the Intelligence and Information Warfare Division at Fort Monmouth, NJ as well as overseeing the development, production, and sale of the company's flag ship face recognition product, STARFace. During this time, I was also asked by DSCI to relocate to San Diego in order to establish our West Coast Operations. Successes included recording consistent profits, attainment of government and private funding for STARFace, and winning new contracts with the Department of Defense, National Institute of Standards, and

commercial customers. I also received a Corporate Excellence Award for leading the introduction of STARFace during these engagements.

My most recent assignment focused on the establishment and growth of DSCI's World Markets business unit. The goal of World Markets is to lead the export of DSCI's product and services offerings into the international marketplace. I developed a strategy for capturing direct contracts with local businesses as well as the establishment of a Foreign Military Sales pipeline. I also worked closely with DSCI's General Counsel to navigate and define the company's export policy and compliance program. Early successes included the attainment and execution of two contracts within the Kingdom of Saudi Arabia performing due diligence on their Northern Border Security Project for the country's Ministry of Interior. I was also instrumental in negotiating and closing a contract with a Saudi-based company wherein DSCI received funding to perform joint marketing and proposal development services in Riyadh.

In addition to the above mentioned duties, I also served on DSCI's Board of Advisors. In this role, I acted as a liaison between employees and the Board of Directors.

Detailed Responsibilities and Objectives Met:

- Revenue generation; profit and loss; marketing strategy, and organizational structure of wholly owned subsidiary.
 - Activities included business development, relationship management, and vendor oversight.
 - Developed a five year strategic business plan and led management structure to oversee accomplishment of goals and objectives.
- Consistently achieved annual growth through new market penetration and organic growth.
 - Able to grow existing customer base through successful management and execution of existing and new contracts.
 - Work with customers to define and attack growth opportunities that benefit both the customer and DSCI.
 - Successfully captured new business through pre-marketing, innovation management, and harnessing of staff expertise.
- Drove technical direction of company's core competencies:
 - Identity Protection and Management
 - Areas of expertise include: Public Key Infrastructure; Biometrics; Directory Services.
 - Hands on understanding of LDAP; Active Directory; RSA/DSA/ECDSA algorithms; Red Hat Certificate Server; Microsoft Certificate Server.
 - Recent projects included providing Subject Matter Expertise to Army programs seeking to implement and extend the Department of Defense Public Key Infrastructure (DOD PKI) and Intelligence Community Public Key Infrastructure (IC PKI) into tactical settings; and Budgeting, staffing, and managing the integration of a logical and physical access control system utilizing iris and face recognition within a classified setting.
 - Information Security Engineering
 - Provide and manage subject matter expertise in the area of secure networking; wireless infrastructure; and risk management.
 - Hands on understanding of firewalls; intrusion detection systems; security management systems.
 - Offensive Information Operations

- Manage penetration testing teams operating at test and experimentation events.
 - Oversee the research and development of novel techniques for offensive information operations within networked environments.
 - Certification and Accreditation
 - Responsible for the management and execution of the Defense Information Assurance Certification and Accreditation Process (DIACAP) for Department of Defense and contractor programs
 - Provide subject matter expertise with respect to the development of risk identification, remediation, and residual management processes for classified systems.
 - Oversee the development of a Linux Hardening Tool capable of managing compliance and remediation activities within a deployed environment.
- Worked with customers worldwide to develop and deploy secure, reliable communications systems worldwide.
 - Provided Supervisory Consultancy Support to the Kingdom of Saudi Arabia's Ministry of Interior for their Northern Border Security Project.
 - Worked with deployed units to mitigate Common Access Card (CAC) issues in Afghanistan.
 - Oversaw Information Assurance engineers providing onsite support to US Army at Guantanamo Bay, Cuba.
 - Managed deployed team performing application migration and server consolidation to US Forces in Republic of South Korea.

Maden Technologies, Shrewsbury, NJ

Technical Manager

December 2001 – May 2005

I was hired by Maden Technologies to lead a software development team engaged in a Tactical Public Key Infrastructure (PKI) project for the US Army. Upon assumption of duties, I quickly realized that the project was in a perilous state due to non-performance and increasingly dissatisfied customers. Within the first six months of my employment, I was able to motivate the development team, get the project back on schedule, and support a highly successful demonstration of the product at the Central Test and Support Facility (CTSF) in Ft Hood, TX. I performed this feat through participative management, hands-on software development (Java/JavaScript/C++), and high volume communication with stakeholders. For this effort, I received a Certificate of Appreciation from the US Army.

Given the success of the PKI effort, I was subsequently tasked with leading the technical response to a solicitation from the US Army's Space and Terrestrial Communications Information Assurance Division. Our team proved successful in attaining a 3 year, multi-million dollar contract award, which led to my building and managing a larger team of cyber security experts dedicated to advancing the security capabilities of Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) programs. Efforts for this group included Key Management Infrastructure, Biometrics, PKI, Secure Systems Engineering, and Defense Information Assurance Certification and Accreditation Process (DIACAP) support to current and future force C4ISR programs.

In addition to Program and Technical Management duties, I served as a Subject Matter Expert for Identity Access Management (IAM) solutions. In this capacity, I utilized my deep understanding of IAM solutions coupled with my growing knowledge of Department of Defense C4ISR systems to lead, support, and negotiate proposal development and teaming efforts.

Detailed Responsibilities and Objectives Met:

- Supported the design, development, and deployment of Department of Defense systems
 - Tactical Public Key Infrastructure (TPKI)
 - Provided technical and managerial support to Department of Army customer in the development of a PKI tool aimed for use in deployed environments.
 - Product was developed in Java and utilized RSA Software Development Kit for encryption and certificate management functions.
 - Other technologies employed included Sun One Certificate Management Systems (now Red Hat Certificate Server); LDAP and LDAPS interface programming; and Data Key hardware token management and software development.
 - Secure Mobile Communications
 - Supported Department of Army program in securing Commander's Digital Assistant, a PDA-type device used for Situational Awareness and Battle Command applications.
 - Utilized Commercial Off the Shelf (COTS) applications and developed Government Off the Shelf (GOTS) technologies to provide access control; strong password management; backup and recovery; and removable media encryption capabilities.
 - Supported the testing and fielding of the system.
 - Encryption at Rest and Purging Technologies
 - Evaluated commercial encryption products for functionality, performance, and vulnerabilities. Hands on experience with DES, Triple DES, and AES encryption products.
 - Managed the development of a Universal Purge Tool, a purging application capable of erasing all memory contained on classified hard disk drives. The tool operates according to DoD standards and has been deployed worldwide.
- Managed projects focused on secure communications architecture for Current Force, Transformational Force, and Future Force US Army programs.
- Engaged in business development activities including technology demonstrations, customer engagements, and proposal writing.
- Successfully captured over \$5 million in new business from government and industry customers.

Oculus Technologies Corporation, Boston, MA

Senior Software Engineer

October 2000 – October 2001

Oculus Technologies was founded by a pair of PhD students from MIT, who were funded by Ford Motor Company to advance their distributed engineering object model into an enterprise level service for manufacturing and design teams. I was hired by Oculus to serve as a senior software engineer during this ramp up. In this environment, I was immersed in the fast-paced, intellectually charged atmosphere of a true start up. I was tasked with developing some of the most complex software code I have ever

encountered. Working in C++ with an open source CORBA distribution, I created cross platform plug-ins, investigated and resolved brain-numbing memory leaks, and advanced the overall production state of the software.

Detailed Responsibilities and Objectives Met:

- Designed and developed software for CO™, Oculus Technologies' peer-to-peer software collaboration tool. Development was done in C++ and Java on both Windows and Unix/Linux platforms.
- Designed and implemented a bi-directional communications interface using CORBA and DCOM between CO and third party applications, including AutoCAD, Pro/ENGINEER, SolidWorks, IDEAS, Excel, Oracle, and MatLab.
- Implemented several complementary socket and network configuration applications aimed at easing installation and maintenance of the core peer-to-peer product. Required technologies included WinSock, Berkeley Sockets, OpenSSL, TCP/IP, UDP and Windows Platform SDK.

Raytheon Corporation, Marlborough, MA

Software Engineer II

December 1999 – October 2000

At Raytheon, I was able to expand my skills through the execution of C++ software development assignments related to a next generation air traffic control system. I also gained invaluable experience by taking part in their mentor programs as well as their ongoing training curriculum.

Detailed Responsibilities and Objectives Met:

- Designed and developed software for the Standard Terminal Automation Replacement System (STARS), the FAA's and Department of Defense's modernization of the National Airspace System. Development was done in C on Sun Solaris platforms.
- Designed and implemented a virtual LAN analyzer to be used in the evaluation and testing of the Raytheon STARS program. Development was done in C++ on Linux.
- Programmed Unix shell scripts to customize specific airport data used in the STARS program.
- Mentored incoming engineers.

Pier Trucking Corporation, North Bergen, NJ

Enterprise Architect

May 1993 – December 1999

Working for my family's Import/Export Trucking firm in Northern New Jersey, I quickly became acclimated to all aspects of a small business. Given my proficiency with computers, I focused on technology adoption to increase work force efficiency. Successes included installing, configuring, and maintaining the company's network and enterprise software infrastructure, to include accounting, fleet maintenance, and relational databases. Other duties included customer account management, operations, and vendor relationship management.

Detailed Responsibilities and Objectives Met:

- Established and maintained corporate computer network. The network was originally implemented using Windows 3.11 and has evolved to a Windows 2003 Server environment.
- Retained as a consultant advising the company on a variety of technology issues including data storage techniques, network security, software upgrades, and telecommunications infrastructure
- Designed and developed a logistics program for automating the company's rate structure. Development was done in Visual C++ using MFC.
- Designed, implemented, and maintained corporate database. Required technologies included Microsoft Access, Visual Basic, JavaScript, and SQL.

Education:

Steven's Institute of Technology, Hoboken, NJ

Doctor of Philosophy (candidate) – Technology Management, Expected completion May 2013

Master of Business Administration (MBA) – Technology Management, January 2007

Graduate Certificate of Special Study – Wireless Computing, May 2003

Master of Engineering - Computer Engineering (MECE), May 2000

Tulane University, New Orleans, LA

Bachelor of Arts - History, May 1993

Seminars and Training

Coaching, Mentoring, and Team-Building Skills, January 2005

Leadership Skills for Supervisors and Managers, April 2004

Project Management: Skill for Success, October 2002

Implementing Web Security, August 2002

Java and XML Application Development, May 2002

Certifications and Awards:

Certified Information Systems Security Professional (CISSP), August 2004 – August 2010

DSCI, Corporate Leadership Award, December 2007: For leading the development and deployment of the Face Recognition product line

SAIC, Award of Excellence, May 2006: For leadership and technical expertise in the execution of the Future Combat Systems PKI Experiment 1.1

U.S. Army, Certificate of Appreciation, May 2002: For outstanding support during the Command, Control and Protect (C2P) Advanced Technology Demonstration (ATD), Fort Hood, TX