

SCOTT R. ARMSTRONG

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CORE COMPETENCIES

- Decisive leadership, excellent communication skills, process improvement, transition management, innovation.
- Strategic technology planning, IT infrastructure design and integration, effective cost control, goal attainment.
- Software Engineering, development tools, Linux, Unix, server and desktop operating systems, virtualization.

SUMMARY OF QUALIFICATIONS

- Master of Computer Science from the University of Illinois, Urbana-Champaign.
- B.S., Computer and Information Science from the University of Maryland with a 4.0 GPA.
- Highly proficient in multiple server and desktop operating systems, software development environments, processes.
- Experience with secure computing environments, operational and system audits.
- Budget planning and management of annual budgets for 10 years totaling more than \$9 million.
- Held a Top Secret Security Clearance with special accesses during career in the U.S. Air Force.

EMPLOYMENT

DIRECTOR OF INFORMATION TECHNOLOGY
Kishwaukee College

JULY 2004 – PRESENT
Malta, Illinois

- Successful project leader for the recent Enterprise Resource Planning (ERP) system implementation resulting in the College's first-ever, secure Web-based access to system services for over 5000 students and about 600 employees.
- Improved system reliability and uptime, standardized computer configuration processes, streamlined system delivery processes, automated and secured system account creation and access processes, increased customer satisfaction.
- Direct the management, use, support and purchase of all technology for the College with 800 computer workstations, 25 physical servers, 45 virtual servers, four storage area networks and redundant security appliances.
- Plan and manage a \$1.2 million annual budget, consistently reducing consumable and annual maintenance costs.

TECHNOLOGY DIRECTOR
Lee Center Community Unit School District #271

JULY 2003 – JUNE 2004
Paw Paw, Illinois

- Secured 3 separate networks, each with mail and file servers, supported 800 user accounts and 254 workstations.
- Improved system reliability and uptime, enhanced services and increased end-user satisfaction with support.
- Trained faculty, developed and implemented the District technology plan, developed IT policies and practices.

NETWORKING, CONSULTING AND COMPUTER SUPPORT
SBM Business Equipment Center

MARCH 2003 – JULY 2003
Sterling, Illinois

- Designed, proposed and installed networks and computer systems with excellent customer satisfaction.
- Assembled, installed, secured and maintained servers and workstations, diagnosed and resolved system issues.
- Purchased components, software and systems, maintained equipment inventory, proposed new IT services.

DTRA LIAISON TO THE DEFENSE LANGUAGE INSTITUTE
Defense Threat Reduction Agency

AUGUST 2000 – AUGUST 2002
Presidio of Monterey, California

- Designed, purchased, integrated and maintained a wireless classroom that was used as the model for portable language training classrooms to support Operation Enduring Freedom.
- Converted training and reference materials into digital textbooks, developed DTRA language training resource Web pages, providing current, easily updated resources to students and military linguists around the world.
- Supervised 11 instructors and up to 30 military students, planned and managed \$750,000 annual budget.

SUPERVISOR, ARMS CONTROL IMPLEMENTATION UNIT
Defense Threat Reduction Office, Moscow

MARCH 1998 – JULY 2000
U.S. Embassy, Moscow, Russian Federation

- Developed system requirements, designed, installed and maintained a secure 17-workstation computer network.
- Coordinated networking security requirements for new construction with multiple U.S. agencies on two continents.
- U.S. Diplomatic Representative, Russian interpreter, escorted U.S. aircraft operating over Russian airspace,
- Coordinated U.S. arms control treaty negotiations and activities with various Russian Ministries.
- Planned and managed \$1.4 million annual budget.

RUSSIAN ARMS CONTROL INTERPRETER INSPECTOR-ESCORT
On-Site Inspection Agency

DECEMBER 1995 – MARCH 1998
Washington, DC

- Directed and supported the initial phases of the Chemical Weapons Convention activities in the U.S.
- Established On-Site Inspection Agency (OSIA) office automation systems, procedures and training plans on Johnston Island, for initial monitoring operations at Johnston Atoll Chemical Agent Destruction facility.
- Coordinated the development of IT systems in support of chemical weapons destruction in Russia.

COLLECTION AND TASKING OFFICER
U.S. Air Force

AUGUST 1992 – FEBRUARY 1995
Menwith Hill Station, North Yorkshire, UK

- Conceptualized, developed and implemented new multinational collection and processing initiatives with mission planners, operations management and technical support leadership.
- System Manager for Sun Microsystems workstations, automated and streamlined application upgrades for 50 users.
- Developed user applications to automate classified files audits; standardized station-wide networking procedures.
- Formulated operating policies with multinational requirements to direct national assets worth billions of dollars.

MANAGER, ADVERSARY AIR COMBAT TACTICS ANALYSIS
690th Electronic Security Wing

AUGUST 1987 – JANUARY 1991
West Berlin, Germany

- Configured and managed a network of five Silicon Graphics 4D-series workstations and a DEC MicroVAX.
- Created three-dimensional, multi-media presentations depicting aerial combat engagements.
- Analyzed adversary air combat tactics, collaborated with U.S. and foreign fighter pilots at the European Tactics Analysis Team conferences, and directly contributed to the multi-service manual for combat tactics.
- Senior German Analyst, developed and administered standardization evaluations and training programs.

EDUCATION

MASTER OF COMPUTER SCIENCE
University of Illinois

DECEMBER 2009
Urbana-Champaign, Illinois

B.S., COMPUTER AND INFORMATION SCIENCE
University of Maryland University College

MAY 2002
Adelphi, Maryland

B.A., RUSSIAN
Iowa State University

MAY 1997
Ames, Iowa

TRAINING

- 2011-current: Technology Innovation and Strategy, Entrepreneurship for Engineers—University of Illinois
- 2003-current: Continued IT professional development—ACM online training resources
- 2003: Mac OS X Server Administration and Integration—Apple Training Center, Chicago, Illinois
- 2003: IT Management: Client/Server Fundamentals—Digital Think on-line
- 2002-2003: Cisco CCNA Preparation, 3-course series—Sauk Valley Community College
- 1997: Franklin Covey 7 Habits of Highly Effective People Course, Dulles, Virginia
- 1996: U.S. Air Force Non-commissioned Officer Academy, Biloxi, Mississippi
- 1995: OSIA Russian Interpreter Course, Defense Language Institute, Monterey, California
- 1993: Total Quality Management Course, Menwith Hill Station, United Kingdom
- 1992: Basic Russian Language Course, Defense Language Institute, Monterey, California
- 1981: Basic German Language Course, Defense Language Institute, Monterey, California

SKILLS

- Effective leadership and supervision of people, adept in various process improvement approaches, ITIL.
- Innovation, continuous improvement, operational effectiveness, strategic planning.
- Efficient management of equipment, resources and finances.
- Strong organization, communication, presentation and team building skills.
- Ability to quickly transform a group of people into an efficient and effective team.
- Demonstrated success in short-term and long-term problem solving.
- Extensive knowledge of networking concepts, system security and design, software and hardware troubleshooting.
- Requirements specification, development processes, architecture, design, coding, testing, verification and validation.
- Security conscious in practice, procedure and process.
- Proficient in Unix, Linux, Microsoft Server and Workstation operating systems, Mac OS X, VMWare.
- Proficient in C, C++, familiar with Java, PHP, ARM ISA, x86 ISA, embedded Linux, Irix, Solaris, Oracle and SQL.
- Proficient in the use and configuration of Linux, Xen and Xen-hosted Linux guests, user-mode Linux.
- Experienced with routers, switches, gateways, wireless access points and fiber-optic cable.
- Ability to accurately translate the needs of the user into concise user requirements.
- Ability to apply innovative ideas to existing technology and innovative technology to existing ideas.