

# SCOTT R. ARMSTRONG

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## GOAL

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To apply my diverse experience, education and skills to guide and support the growth of your organization in its market, improve the use and function of systems for users, and to support the organizational goals.

## SUMMARY OF QUALIFICATIONS

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- B.S., Computer and Information Science from the University of Maryland with a 4.0 GPA.
- Master of Computer Science at the University of Illinois, Urbana-Champaign, expected graduation December 2009.
- Leadership and supervision, hiring excellent staff, motivating teams, removing staff, resource management.
- Project Management, group collaboration, change and transition management, goal attainment.
- ERP requirements specification, selection and implementation, team organization, motivation.
- Budget planning and management of annual budgets for 9 years totaling more than \$7 million
- Large-scale computer system and network requirements specification, design, integration and maintenance.
- Experience in coordinating multiple activities, remote collaboration, virtualization applications and development.
- Highly proficient in multiple server and desktop operating systems, software development environments, processes.

## EMPLOYMENT

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DIRECTOR OF INFORMATION TECHNOLOGY  
*Kishwaukee College*

JULY 2004 – PRESENT  
*Malta, Illinois*

Direct the management, use, support, purchase and training of all instructional and administrative technology for the College. Formulate strategic and short-term policies regarding all information technology (IT) assets. Project leader for the ERP and Voice-over-IP phone system implementations. Establish departmental procedures to support user needs. Coordinate and maintain user requirements for instructional and administrative systems to support enhanced services. Represent the college in regional high-speed fiber optic projects. Represent Illinois community colleges on the Illinois Century Network Advanced Engineering Task Force. Plan and manage a \$1 million annual budget.

TECHNOLOGY DIRECTOR  
*Lee Center Community Unit School District #271*

JULY 2003 – JUNE 2004  
*Paw Paw, Illinois*

Direct the purchase, training and use of instructional and administrative technology for the District. Develop and update the District technology plan and related policies. Prepare, track and implement grant proposals. Manage three physically separate networks, three SonicWALL firewall appliances, nearly 800 user accounts, 254 networked workstations, 4 computer labs, 3 mail servers, 5 file servers, and 2 remote access servers. Train faculty in the use of instructional technology and assist faculty in training students. Set up Cisco routers; coordinate router management with Illinois Century Network. Install and configure wireless access points, network adapters. Coordinate the installation, training and use of compressed video communications equipment with Sauk Valley Community College. Coordinate the integration of instructional technology into the curriculum and the staff development plan. Represent the Regional Office of Education #47 on the Learning Center 2-North Advisory Committee and at the Invent Illinois' Future Regional Summit.

NETWORKING, CONSULTING AND COMPUTER SUPPORT  
*SBM Business Equipment Center*

MARCH 2003 – JULY 2003  
*Sterling, Illinois*

Consulted with customers to determine IT requirements. Designed proposed and installed networks and computer systems to satisfy those requirements. Built, installed and maintained servers and workstations. Purchased equipment, maintained equipment and property inventory, developed best practices for IT services provided by SBM Business Equipment Center.

DTRA LIAISON TO THE DEFENSE LANGUAGE INSTITUTE  
*Defense Threat Reduction Agency*

AUGUST 2000 – AUGUST 2002  
*Presidio of Monterey, California*

Represented the Defense Threat Reduction Agency (DTRA) in all matters concerning the DTRA Russian Arms Control Speaking Proficiency Course at the Defense Language Institute (DLI). Developed IT-related training requirements, designed, purchased, integrated and maintained a Windows NT/Cisco Aironet 350 wireless classroom local area network that was used as the model for Operation Enduring Freedom language training classrooms, advancing the use of technology in language training for DLI. Converted existing course training and reference materials into digital textbooks and developed DTRA language training resources Web pages, providing current, easily updated resources to staff and students, as well as to all U.S. military linguists around the world. Managed all aspects of the DTRA course and office at DLI, including supervision of staff and students, management and maintenance of resources, and determination of course completion requirements. 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*

Interacted directly with the Russian Nuclear Risk Reduction Center in support of U.S. treaties with Russia. Developed system requirements, designed, installed and maintained 17-workstation Windows NT computer network with a secure connection to headquarters in Washington, DC. Coordinated networking security requirements through multiple U.S. agencies on two continents. U.S. Diplomatic Representative, escorted U.S. aircraft operating over Russian airspace, coordinated arms control negotiations and activities with various Russian Ministries for DTRA, the U.S. Department of Defense and the Department of State. Planned and managed \$1.4 million annual budget.

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

DECEMBER 1995 – MARCH 1998  
*Washington, DC*

Chemical Weapons Subject Matter Expert, 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 and procedures on Johnston Island for initial monitoring operations at Johnston Atoll Chemical Agent Destruction facility. Developed training plans for use at both OSIA and Johnston Island. Interpreter and Translator for the Chemical Weapons Destruction Support Office and Defense Attaché Office in Moscow, 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 collection and processing initiatives with mission planners, operations management and technical support leadership. Branch System Manager for Sun Microsystems workstations in support of 50 users, developed user applications to automate classified files management, standardized station-wide networking procedures. Member of the Division Management Team, formulated division operating policies in accordance with multinational requirements to direct national assets worth billions of dollars.

MANAGER, ADVERSARY AIR COMBAT TACTICS ANALYSIS  
*690<sup>th</sup> Electronic Security Wing*

AUGUST 1987 – JANUARY 1991  
*West Berlin, Germany*

System Administrator for a network of five Silicon Graphics 4D-series workstations, a DEC MicroVAX, and a Sun Microsystems server used to create 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

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MASTER OF COMPUTER SCIENCE <i>University of Illinois</i>	EXPECTED DECEMBER 2009 <i>Urbana-Champaign, Illinois</i>
B.S., COMPUTER AND INFORMATION SCIENCE <i>University of Maryland University College</i>	MAY 2002 <i>Adelphi, Maryland</i>
B.A., RUSSIAN <i>Iowa State University</i>	MAY 1997 <i>Ames, Iowa</i>
A.A.S., INTERPRETING AND TRANSLATING <i>Community College of the Air Force</i>	OCTOBER 1990 <i>Maxwell AFB, Alabama</i>

## TRAINING

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- 2003-current: Continued 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's "7 Habits of Highly Effective People" Course—Dulles, Virginia
- 1996: U.S. Air Force Supervisor Academy—Biloxi, Mississippi
- 1993: Total Quality Management Course—Menwith Hill Station, United Kingdom

## SKILLS

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- Effective leadership and supervision of people, adept in various process improvement approaches.
- Efficient management of equipment, resources and finances.
- Ability to quickly transform a dysfunctional group of people into an efficient and effective team.
- Demonstrated success in short-term and long-term problem solving.
- Strong organization, communication, presentation and team building skills.
- Extensive conceptual and technical knowledge of virtualization, networking, and storage solutions.
- Educated in requirements specification, architecture, coding, testing, verification and validation.
- Highly proficient in Unix, Microsoft Server and Workstation operating systems, Mac OS X.
- Highly proficient in Microsoft, Microsoft Exchange Server.
- Proficient in C and C++, familiar with Irix, SunOS, familiar with Oracle and SQL.
- Experienced with routers, switches, hubs, gateways, wireless access points and fiber-optic cable.
- Solid understanding of computer systems hardware and software.
- Ability to accurately translate the needs of the user into concise user requirements.
- Ability to adapt existing technology to new ideas and existing ideas to new technology.
- Unending desire to adapt new and emerging technology to new and emerging ideas.