Curriculum Vitae

Stanley Moyer (Stan)

Personal Details

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Last CV Update:	August 9, 2006		

Profile

A unique, experienced, technology manager with superior management skills, a broad technical background, and excellent business and market awareness. Well-known and respected in the industry. Experienced in (data and voice) communications with a particular focus on software, telecommunications and Internet services, networks, and protocols. Stan has a unique skill set, with superior organizational skills, and the ability to operate effectively at both the marketing and the strategic management level while remaining competent as a practical engineer.

Skill set

Program Management	Innovation Management	Business Plan Development
Project Management	Technology Management	Product Management
Presentation Skills	Strategic Planning	Home Networking
Team Leading	Network Architect	Networked Appliances
Market Understanding	Practical Engineering	Internet Architecture Design
Network Implementation	Internet Services	Research Management
Interpersonal Relationships	Communication Protocols	Voice over IP

Professional Experience

2001 – present Executive Director, Strategic Research Program, Telcordia Technologies

Responsible for the planning (writing proposals, making presentations, requesting input from other researchers, etc.), administration, and execution of the Applied Research strategic research program. Duties include interfacing with Telcordia officers, customers, and Business Units to determine business goals, devising a research program to meet those goals, and then determining the best way to transition results to Telcordia business units. Recently led a Telcordia-wide effort to design and implement a product lifecycle management process to better manage the innovation and development of new products and services.

Other responsibilities included business development and proposal writing for commercial and government opportunities (contract research), development of detailed business cases and/or opportunity analyses for Applied Research technologies with the potential for commercialization, leader of the Applied Research strategic planning team, administration and execution of the Government research program (2001-2003).

1997 – 2001 Director, Internet Architecture Research, Telcordia Technologies (formerly Bellcore)

Project manager and co-technical lead for strategic research project focused on networked appliances and home networking – led a research team of 10-15 technical people, co-authored patents, established external collaborations, created technology transition paths with product organizations. Was also project manager (and performed technical work) for projects on middleware, application security, Internet QoS, and Voice over IP. The range of activities to support this work included technical analysis, report writing, requirements generation, product evaluation, and prototyping. The clients of these projects included Telcordia product organizations and external clients. Responsible for writing proposals for the projects, staffing the projects, and then managing the projects, which met all deliverable deadlines and budgets. Was line manager for a group of technical researchers and contractors, which grew in size from three to twelve.

1990 – 1996 Research Scientist, Broadband Systems Research, Bellcore

Performed research on broadband connection management. Included a cross-organizational (research and product organizations) advanced development effort of a “Broadband Services Controller.” I was responsible for overall system design, middleware infrastructure design and implementation (DCE & OODCE), and implementation of the core connection management module (in C++). Also researched and prototyped ATM switch management software. Responsible for hardware integration and testing of an experimental prototype ATM

switch. Later designed and implemented a new daughter board responsible for inter-board communication for the experimental ATM switch.

1987 – 1990 Systems Engineer, Plessey Electronic Systems
Performed hardware/software integration on a JTIDS Army Class 2M Terminal (a secure jam-resistant communications terminal utilizing X.25, Frequency Hopping, TDMA and Spread Spectrum Technologies). Wrote system test plans and procedures and performed testing to evaluate all functional requirements of the terminals.

Recent Publications

- Stan Moyer, Dave Marples, Jiejun Kong, Ling-Jyh Chen, Mario Gerla, and Markus Jakobsson, "A Digital Content Mediator (DCM) Approach To Implementing Legitimate And Secure P2P Online Transactions" Proceedings of IEEE ICC 2006, June 2006.
- Munir Cochinwala, Stan Moyer, and Hyong Shim, "An Integrated Service Management Approach Using OSGi Technology," published in the proceedings of IEEE CCNC 2005.
- Dave Marples and Stan Moyer, Chapter "Home Networking and Appliances" in book *Smart Environments*, edited by Diane J. Cook and Sajal K. Das, A John Wiley and Sons, Inc., 2004.
- Stan Moyer and Simon Tsang, "Home Network Configuration Management & Service Assurance," Proceedings of the *4th IEEE International Workshop on Network Appliances*, January 2002
- Stan Moyer, Dave Marples, Simon Tsang, and Abhrajit Ghosh, "Service Portability of Networked Appliances," *IEEE Communications Magazine*, January 2002.
- Stan Moyer, Dave Marples, and Simon Tsang, "A Protocol for Wide-Area Secure Networked Appliance Communication," *IEEE Communications Magazine*, October 2001.
- Stan Moyer and Amjad Umar, "The Impact of Network Convergence on Telecommunications Software," *IEEE Communications Magazine*, January 2001.

Education

2002- 2004 **University of Phoenix,** MBA, Technology Management, 4.0 GPA.

1987-1990 **Stevens Institute of Technology,** Hoboken, New Jersey.Master of Engineering, Electrical Engineering, 4.0 GPA.

1982-1987 **University of Maine,** Orono, Maine, Bachelor of Science, Engineering Physics, 3.86 GPA.

Professional Activities

- Senior member of IEEE.
- Co-editor of the *IEEE Communications Magazine* Consumer Communications and Networking series.
- Life member of Tau Beta Pi engineering honor society.

Recent Professional Representation

- President (2005-present) and member of the board of directors for the OSGi Alliance (2001-present).
- Elected "member at large" (2004-2006) and Treasurer (2006-2007) to the IEEE Communications Society Board of Governors.
- Presented talk "Making the Home Net Work!" "The Digital Home: Gateway to Opportunity," Globalcomm 2006 Executive Session, June 5, 2006, Chicago, IL.
- Gave talk titled "Enhancing P2P Video Services — A Role for Service Providers" at Telecom '05 Panel Session on "Next Generation Peer-to-Peer — Where do Telcos fit in?" in Las Vegas in October 2005.
- Chaired panel, "When Applications Can Roam Freely," at IEEE CCNC 2006 in Las Vegas.
- Invited to participate in two panel sessions at IEEE ICC 2005 in Seoul, Korea in May 2005:
    - "A Tale of Two Broadband Access Technologies" for Broadband Wireline panel
    - "Making the Home Net Work" for Home Electronics and Networks panel
- Presented half-day tutorial on Networked Appliances at IEEE CCNC 2005, January 2005, Las Vegas, NV.
- Invited presentation on "Challenges and Issues in Home Networking — Solutions and Open Issues" at panel session on Home Networking at ICC 2004 in Paris, France, June 2004.

Other Information

An avid sports enthusiast – likes running, cycling, soccer, and volleyball. Enjoys spending time with his wife and three children – hiking, going to the beach, and travelling.