# TEXAS STATE VITA

## I. Academic/Professional Background

A. Name: VASANT C. RAMKUMAR Title: Dr.

B. Educational Background

| *Degree* | *Year* | *University* | *Major* | *Thesis/Dissertation* |
|---|---|---|---|---|
| MS | 1994 | Walden University (previously NTU) | Electrical Engineering | |
| Ph.D. | 1991 | The City University of New York, | Computer Science | |
| MS | 1985 | City College of CUNY | Computer Science | |
| BS | 1982 | Philadelphia University | Textile Engineering | |

C. University Experience

| *Position* | *University* | *Dates* |
|---|---|---|
| Adjunct Faculty | Texas State University | 2013- Present |
| Adjunct Professor | University of Maryland University College | 2002 - Present |
| Adjunct Professor | University of Phoenix, Austin/San Antonio, Texas | 2000 - 2006 |
| Adjunct Professor | University of Colorado, Boulder, Colorado | 1998 - 2000 |
| Professor | Nanyang University (ICIS) , Singapore | 1993 - 1996 |
| Adjunct Professor | Thames Business School, Singapore | 1993 - 1996 |
| Adjunct Professor | William Patterson College, Wayne, New Jersey | 1988 - 1990 |
| Adjunct Lecturer | City University of New York, New York | 1985 - 1987 |

D. Relevant Professional Experience

| *Position* | *Entity* | *Dates* |
|---|---|---|
| CEO | Chivas Engineering & Consulting, Inc. | 2006 - Present |
| President/CTO | GlobalCom (Telecommunication Networks) | 2009 - Present |
| CTOEVP | Maximum Multimedia Services Network, Inc. | 2008 - 2013 |
| CTO/SVP | Netraverse/CloverworXs, Inc. (One Group) | 2001 - 2006 |
| Sr. Director | AT&T(Lucent/Bell Labs/US-West/MediaOne) | 1985 - 2000 |

E. Other Professional Credentials (licensure, certification, etc.)

Master Electrician license – Texas (issued)
Professional Engineer (PE) License – Texas (in-process)

## II. TEACHING

B. Courses Taught:
Leadership/Telecommunication Management, Discrete Mathematics, Programming Languages, Management Information Systems, Network Management, Network Security, Networks and Telecommunications, Software Engineering, Switching, Transmission and Network Services. Computer & Network Architecture.

C. Graduate Theses/Dissertations, Honors Theses, or Exit Committees (if supervisor, please indicate):

MBA (Information Systems) Thesis (Supervisor) 1994.

D. Courses Prepared and Curriculum Development:

Courses Prepared: Network Security, Network Management, Telecommunications, Switching, Transmission, Wireless, Information Systems, Networks, and Introduction to Computers.

Curriculum Development: MS program in Software Engineering/Network Management (NTU)

## III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press)

2. Articles

a. Refereed Journal Articles:

C. Ramkumar, J. C. Clark, "Singapore's National Information Infrastructure." Paper published in the Voice+ Asia, UK, pp 7-15, May/June 1995.

C. Ramkumar, "Emerging Trends: Intelligent Network Technology." APT Journal, January 1994.

3. Conference Proceedings

a. Refereed Conference Proceedings:

C. Ramkumar, J. C. Clark, S. V. Ahamed, "Strategic Initiatives for the Malaysian Information Infrastructure." NITC'95 Conference, Malaysia, Nov 1-3, 1995.

C. Ramkumar, J. C. Clark, "The Role of Open Systems, the Internet and Standards in bringing to fruition Singapore's National Information Infrastructure." Paper presented at the Asia Pacific World Wide Web ,95 Conference & Exhibition." Sydney, Australia, September 18-21, 1995.

C. Ramkumar, "A Case Study: An Investigation in the UK local loops for their ability to carry ATM traffic." Paper presented at the 1995 International Symposium on Intelligent Networks and BroadBand ISDN (ISIB'95), Beijing, China, April 10-12, 1995.

C. Ramkumar and M. F. Kazmi, "How Intelligent Networks will change the way we do business by the year 2000." Paper presented at the IT Works 93 Conference, Singapore. October 13, 1993.

7. Other Works in Print:

**Patents:**

"A procedure to initiate Queuing in Call Processing". European **Patent** EP0478206. August 2001
"Personal Network ID." Filed with AT&T Bell Laboratories (1995). To be filed with the US state department (1996).

"A Queuing Trigger in Call Processing." Serial # 07/589724. US **Patent** # 5,212,727 May 18, 1993

"A Call Forwarding System" CIPO **Patent** # CA 2055170. August 1992

"A Call Forwarding System." Serial # 07/652704, filed with the US state department 2/8/91.

"Home Security System." Filed with AT&T Bell Laboratories (1990).

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B. Works not in Print

1. Papers Presented at Professional Meetings:

"SIP (Italy) Intelligent Network Transition Plan." Bell Laboratories internal document, March 1990.

"The Digital Derived Services Intelligent Network for the United Kingdom, Network Management Customer Specification Document." Bell Laboratories internal document, August 1989.

"Retrofitting the UK- Digital Derived Services Intelligent Network from Phase II/III to V." Bell Laboratories internal document, 6/26/89.

"Release 2 Intelligent Network (IN) 5EE4.1 British Telecom Digital Derived Services Network Phase -V ACtion Point (ACP) Call Logging Feature Specification Document," (co-author R. E. Schoenfeld),Bell Laboratories Internal document, 4/28/89.

"Release 3 Intelligent Network (IN) 5EE4.1 British Telecom Digital Derived Services Network Phase -V ACtion Point (ACP) Call Logging Feature Specification Document, Issue 3." Bell Laboratories Internal document, 4/28/89.

"5EE4.2 Action Point (ACP) - Network Control Point (NCP) Interface Feature Specification Document for Spain and Taiwan Intelligent Networks." Bell Laboratories internal document, 2/17/89.

"5EE4.2 Action Point (ACP) - Multi Function Operating System (MFOS) Interface Feature Specification Document for Spain and Taiwan Intelligent Networks." Bell Laboratories internal document, 2/17/89.

"British Telecom (BT) Digital Derived Services Intelligent Network (DDSN) Phase-V, 5ESS-PRX Action Point (ACP) - Network Control Point (NCP) Interface Feature Specification Document," Bell Laboratories internal document, 5/30/88.

"The RADIAN conversion in New Jersey," (co-author M. A. Cohen), Bell Laboratories Internal document, 1/8/88.

"A comparison of load statistics before and after reconfiguring the Holmdel's Information Systems Network (ISN)," Bell Laboratories internal document, 5/27/87.

"The Research and Development InterActive Network (RADIAN) Detailed Deployment Plan for Holmdel, Short Hills and Crawford Hill," (co-authors G.S.Lakshman and R.J.Bockus), Bell Laboratories internal document, 5/21/87.

"The Research and Development InterActive Network (RADIAN) 1.1 beta test plans for Holmdel," Bell Laboratories internal document, 3/16/87.

"Proposed Topology for Redhill's Datakit Network," (co-author B.Gidali), Bell Laboratories internal document, 3/16/87.

"The Research and Development InterActive Network (RADIAN) Users Guide for Holmdel issue 2.0," Bell Laboratories internal document, 3/6/87.

"Deployment Plan for the Research and Development Interactive Network (RADIAN)," (co-authors G.S.Lakshman and R.J.Bockus), Bell Laboratories internal document, 1/15/87.

"A proposal to Reconfigure the current Information Systems Network (ISN) Network in Holmdel," Bell Laboratories internal document, 1/12/87.

"The Research and Development InterActive Network (RADIAN) Beta-Test Users Guide 1.0 for Holmdel," Bell Laboratories internal document, 7/16/86.

"The Research and Development InterActive Network (RADIAN) 1.0 Beta Test Planning and Agreement," (co-authors W. Al-Diwan, R.J. Bockus, S. Ger, and G.S. Lakshman) Bell Laboratories internal document, 6/20/86.

"Datakit/ISN Working group Meeting Minutes for January 8-9, 1986." Bell Laboratories internal document, 2/11/86.

"RS-232 Intercommunication trunking between DATAKIT VCS and INFORMATION SYSTEMS NETWORK (ISN)," Bell Laboratories internal document, 11/13/85.

2. Invited Talks, Lectures, and Presentations:

“Leadership in the Technical Field,” Talk given to MBA graduating class at the Concordia University, Austin, Texas. July 8, 2013

“Leadership and Empowerment,” Talk given to MBA graduating class at the Concordia University, Austin, Texas. July 10, 2013

C. Ramkumar, "ISDN Technology and Future Developments by AT&T." Talk presented at the ISDN CPE Approval Workshop. Penang, Malaysia September 6, 1994.

C. Ramkumar, "ISDN in the USA." Talk presented at the AT&T - Malaysia Telecom Inauguration of the Malaysia-USA ISDN Link. Penang, Malaysia September 6, 1994.

C. Ramkumar, "Singapore's IT 200 Vision." Talk presented at the Workshop on Ligktwave, Wireless and Networking Technologies." Chinese University of Hong Kong, Hong Kong, August 22-25, 1994.

C. Ramkumar, "Broadband developments in Singapore." Talk presented at the Workshop on Ligktwave, Wireless and Networking Technologies." Chinese University of Hong Kong, Hong Kong, August 22-25, 1994.

C. Ramkumar, "Intelligent Networks." Talk presented at the ICIS/ESSEX University Symposium, Singapore, March 18, 1994.

C. Ramkumar, "Intelligent Network Technology." Paper presented at the IEEE Singapore, Communications Chapter, Singapore, August 6, 1993.

4. Workshops:

C. Ramkumar, J. C. Clark, T. T. Kheong, "An Introduction to BISDN and ATM Technology." A tutorial presented at the SICON/ICI'95, Singapore, July 3, 1995.

C. Ramkumar, "Intelligent Networks." A half-day tutorial given at the 1995 International Symposium on Intelligent Networks and BroadBand ISDN (ISIB'95), Beijing, China, April 10-12, 1995.

C. Ramkumar, "Intelligent Networks." A 1-day tutorial given at the the Chinese University of Hong Kong, Hong Kong, August 20, 1994.

C. Ramkumar, "Intelligent Network Tutorial." ICIS/ESSEX University Symposium, conducted in Singapore on March 16, 1994.

## IV. SERVICE

A. Institutional

1. University:

10 years service award from the University of Maryland University College (2012)

B. Professional:

Senior Member of the Institute of Electrical and Electronics Engineers, 1988
The Internet Society, 1995
The American Association for the Advancement of Science, 1994
The New York Academy of Science, 1993

C. Community:

Member of the board of Directors for the Pan-African center for economic development alternatives USA, Inc., 2009

The AFRICA-TEXAS chamber of commerce, 2009

D. Service Honors and Awards:

10 Years Service to AT&T Bell Labs. (1995)