

# Anitha Chennamaneni

## CONTACT

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Texas A & M University Central Texas  
1001 Leadership Place  
Killeen, TX 76549

## EDUCATION

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<b>Doctor of Philosophy</b> (Major: Information Systems, Minor: Computer Science) University of Texas at Arlington, Arlington, TX	2006
<b>Master of Business Administration</b> (Major: Information Systems) Southern Illinois University, Carbondale, Illinois	1997
<b>Master of Arts in Management</b> Osmania University, India	1992
<b>Bachelor of Science</b> Osmania University, India	1990

## MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

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- Member, Association for Information Systems
- Member, Association for Computing Machinery
- Member, Institute of Electrical and Electronics Engineers (IEEE)

## HONORS / AWARDS

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- Distinguished Graduate Faculty Award
- Outstanding Graduate Faculty Research Award from Texas A&M University Central Texas, May 2013 (Externally peer reviewed)
- Outstanding Graduate Faculty Scholarship Award Finalist, May 2014 (Externally peer reviewed)

- Graduate Faculty

## **PROFESSIONAL EXPERIENCE**

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### **Teaching Experience**

**Associate Professor of Computer Information Systems, September 2014 – Present**

**Graduate Faculty**

Texas A&M University Central Texas

**Assistant Professor of Computer Information Systems, September 2009 – August 2014**

**Graduate Faculty**

Texas A&M University Central Texas

**Assistant Professor of Computer Information Systems, August 2008 – August 2009**

Tarleton State University - Central Texas

**Lecturer, Dept. of Information Systems & Operations Management, Aug 2007-Dec 2007**

University of Texas, Arlington

### **Administrative Experience**

**Department Chair, Computer Information Systems,**

**June 2012 – Present**

Texas A&M University Central Texas

### **Industry Experience**

**Senior Applications Developer,**

**May 2002 – August 2008**

The Neiman Marcus Group, Dallas

**Software Analyst and Programmer,**

**Oct 1998 – March 2002**

JP Mobile Inc, Dallas

I worked as an IS consultant for several big organizations. Some of the organizations I worked as a consultant include

- **Pepsi Business Solution Group, Plano**

**Jul 1999 – Dec 2001**

- **Kintetsu World Express, Dallas** **Mar 1999 – Jul 1999**
- **Nokia Mobile Phones, FortWorth** **Oct 1998 – Feb 1999**

**Programmer/Analyst,** **Oct 1997 – Aug 1998**  
Dallas Market Center, Dallas

## **COMPUTER PROFICIENCY**

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- **Programming Languages** C, C++, JAVA, VISUAL BASIC, VB SCRIPT, JAVASCRIPT, HTML, XHTML, XML, ASP, SQL, PL/SQL, XSL
- **Database Systems** ORACLE, MS-ACCESS, SQL SERVER
- **Tools** ORACLE APPLICATION SERVER, ORACLE DEVELOPER, DESIGNER, DISCOVERER 2000, XML PUBLISHER, TOAD, SQL \* LOADER, SQL\*PLUS, SQL NAVIGATOR, SQL\*FORMS 2.3/3.0, SQL\*DBA, EXPLAIN PLAN, TKPROF, ANALYZE, SQL\*TRACE, IMPORT, EXPORT, VISIO, MICROSOFT PROJECT etc.
- **Application Packages** MS VISUAL STUDIO, ORACLE APPLICATIONS / ORACLE BUSINESS SUITE, ALCIE PAYROLL SYSTEM, EMIS MANUFACTURING SYSTEM etc.
- **Statistical Packages** SPSS, NCSS, SAS, EQS, PLS-GRAPH, SMART PLS etc.
- **Operating Systems** WINDOWS, UNIX, LINUX, VMWARE, VIRTUAL BOX
- **Network Protocols** TCP/IP, FTP, SQL \* NET etc.

## **COURSE DEVELOPMENT & TEACHING**

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### **Texas A&M University Central Texas**

#### **Graduate Courses**

CISK 502 - Procedural Language Programming and Design (hybrid & distance learning)

CISK 503 - Foundations of Computer Based Systems (hybrid)

CISK 507 – Systems Analysis and Design (hybrid & Distance learning)

CISK 511 - Managing Information Systems (hybrid & distance learning)

CISK 516 - Applied Database Management (hybrid & distance learning)

CISK 518 - Quantitative Concepts in Computing (hybrid)

CISK 519 - Decision Support Systems (distance learning)

CISK 545 - Extensible Markup Language (hybrid)  
CISK 551 - IT Project Management (hybrid & distance learning)  
CISK 576 - Network Administration & Design (hybrid)  
CISK 580 - E-Business Application Development (hybrid & distance learning)  
CISK 586 – Problems Course: Systems Analysis for Managers  
CISK 586 – Problems Course: Research Methods in Information Systems

**Undergraduate Courses**

CISK 301 / ACC 301 - Business Analysis Using Spreadsheets  
CISK 303 - Programming Logic and Design  
CISK 331 – Visual Basic Programming  
CISK 315 – Web Site Develop and Design  
CISK 389 – Systems Analysis and Design  
CISK 401 – Database Theory and Practice  
CISK 441 – IT Security and Risk Management  
CISK 450 - Management Information Systems  
ACCK 450 - Management Information Systems  
MGMT 450 - Management Information Systems  
CISK 486 – Problems Course: Advanced Database Systems (Independent Study)  
CISK 486 – Problems Course: Network Administration  
CISK 486 – Problems Course: Comprehensive Networking  
CISK 486 – Problems Course: Algorithm Design and Analysis

**New Courses or Curricula Developed**

CISK 441- IT Security and Risk Management (new course created)  
CISK 502 - Procedural Language Programming and Design (developed online)  
CISK 507 – Systems Analysis and Design  
CISK 511 - Managing Information Systems (developed online)  
CISK 516 - Applied Database Management (developed online)  
CISK 519 - Decision Support Systems (developed online)  
CISK 580 - E-Business Application Development (developed online)  
CISK 303 - Programming Logic and Design (developed online)  
CISK 315 – Web Site Develop and Design (developed online)  
CISK 389 – Systems Analysis and Design (developed online)  
CISK 450 / ACC 450 / MGMT 450 - Management Information Systems (developed online)

**Tarleton State University - Central Texas**

**Graduate Courses**

CIS 502 - Procedural Language Programming and Design  
CIS 511 - Managing Information Systems  
CIS 516 - Applied Database Management  
CIS 518 - Quantitative Concepts in Computing  
CIS 545 - Extensible Markup Language

**University of Texas, Arlington**

**Undergraduate Courses**

Introduction to MIS and Data Processing

**CURRICULUM CHANGES & TEACHING**

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Completed program review for Master in Information Systems program (MS-IS) and identified several curricular revisions for MS - IS program. Some of these curriculum revisions have been adopted. I am currently working on other curricular revisions to MS-IS program.

Also, working with the Criminal Justice department and assisting them in creating Masters' in Homeland Security with several information security (IS) courses from our department. Identified Graduate level CIS information security courses for the program. Working on creating these classes

Employed active learning techniques/ innovative teaching methodologies (agile methodologies in programming/systems development) in classes to better engage students. Kept the course content current by continuously updating course materials, assignments, and hands on application based projects / examples for several existing graduate and undergraduate courses

Involved in assessment activities for all 5 degree programs offered by CIS department.

**SELECTED PROFESSIONAL DEVELOPMENT - TEACHING**

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**Selected TAMUCT Development Activities and Other Trainings Completed**

Course Development Academy Completion certificate

Teaching in second life certificate of achievement

Applying the QM Rubric (APPQMR)

Improve Your Online Course (IYOC)

Independent Applying the QM Rubric

Link Instructional Materials and Learner Engagement

Create Measurable Learning Objectives

Peer reviewer training

TAMUCT Chairs Institute Retreat 04/24/2014

American Council on Education Leadership Academy for Department Chairs, January 2014

AACSB Applied Assessment Seminar, March 2015

**External Teaching and Pedagogy workshops, trainings, tracks Attended**

“Information Systems in Education, IS Curriculum, Education and Teaching Cases” at the 19th Americas Conference on Information Systems, Chicago, Illinois (August 2013)

“Special Session on IS education and pedagogical trends”, at the 19th Americas Conference on Information Systems, Chicago, Illinois (August 2013)

“Learning Methods, Tools and Related Issues”, at the 2013 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government (July, 2013)

"IS Curriculum, Education and Teaching Cases" at the at the 17th Americas Conference on Information Systems, Detroit, Michigan, (August 2011)

“Curricular Issues” at the 40th Annual Meeting of the Decision Sciences Institute, New Orleans, LA (November 2009)

“Technology in the Classroom” at the 40th Annual Meeting of the Decision Sciences Institute, New Orleans, LA (November 2009)

“Professional and Faculty Development Program” at the 40th Annual Meeting of the Decision Sciences Institute, New Orleans, LA (November 2009)

“Scholarship Thought and Practice” at the at the 40th Annual Meeting of the Decision Sciences Institute, New Orleans, LA (November 2009)

Are Teaching Effectiveness and Learning Research Important: Business Dean Perspectives” at the at the 40th Annual Meeting of the Decision Sciences Institute, New Orleans, LA (November 2009)

“Online Education, Student Experience, Perception and Engagement” at the at the 40th Annual Meeting of the Decision Sciences Institute, New Orleans, LA (November 2009)

“Video Game experience and Hybrid Online exams” at the at the 40th Annual Meeting of the Decision Sciences Institute, New Orleans, LA (November 2009)

## **PUBLICATIONS – PEER REVIEWED JOURNAL ARTICLES**

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Teng, J. Wood, C. **Chennamaneni, A.** & Song, S "Achieving Knowledge Management (KM) Success: Examining A Task-KM Strategy Fit Model", Journal of Information Technology Management, Volume XXV, Number 1, 2014, pp. 20 - 31

**Chennamaneni, A.** Teng, J. & Raja, M.K. "A unified model of knowledge sharing behaviours: theoretical development and empirical test", Behaviour & Information Technology, Volume 31, Issue 11, 2012, pp. 1097-1115.

**Chennamaneni, A** & Teng, J. “ Types of Human Needs That Motivate Knowledge Sharing In Organizations: A Comprehensive Empirical Study Based On the ERG Theory”, Journal of Information Technology Management, Volume XXIII, Number 3, 2012, pp. 65 – 80

**Chennamaneni, A.** Tunenkova, N & Vert, G. "Information Systems Security Education – An e-Learning approach", Communications of Global Information Technology, Volume 4, 2012, pp.10 -16

Vinekar, V. Teng, J. & **Chennamaneni, A.** “The Interaction of Business Intelligence and Knowledge Management in Organizational Decision-Making”, Journal of International Technology and Information Management, Volume 18, Issue 2, 2009, pp.143 – 159

## **PUBLICATIONS – PEER REVIEWED CONFERENCE PROCEEDINGS**

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**Chennamaneni, A.** and Taneja, A. “Communication Privacy Management and Self-Disclosure on Social Media - A Case of Facebook,” Proceedings of the Americas Conference on Information Systems, Puerto Rico, August 13-15, 2015

**Chennamaneni, A** & Brown, J “Use of Educational Data Mining and Intelligent Agents to provide Adaptable, Personalized Computer Science Education in e-Learning Environment”, Proceedings of the Second Workshop on AI-supported Education for Computer Science (AIEDCS) held at Intelligent Tutoring Systems, Honolulu, Hawaii, June 5-9, 2014

Brown, J. and **Chennamaneni, A.** “Towards an Integrated Framework for Applying the Agile Project Methodology to Manage Task Uncertainty in Disaster Management”, Proceedings of the 19th Americas Conference on Information Systems, Chicago, Illinois, August 15-17, 2013.

**Chennamaneni, A** & Brown, J “Improving Knowledge Management in E-Learning: A Contingent Framework for Efficient Knowledge Transfer”, Proceedings of the 2013 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government, Las Vegas, Nevada, July 22-25, 2013.

Vert, G. **Chennamaneni, A.** & Iyengar, S. “A Theoretical Model for Probabilistically Based Hardware State Variable Detection of Unknown Malware Operations Utilizing Creation of Self Organizing Taxonomies for Counter Attack and Mitigation”, The 2012 International Conference on Security and Management (SAM'12), Las Vegas, USA, July 16 – 19, 2012

**Chennamaneni, A.** Tunenkova, N & Vert, G. “Information Systems Security Education – An e-Learning approach”, 13th Global Information Technology Management Association World Conference, Bangalore, India, June 17-19, 2012.

**Chennamaneni, A.** & Teng, J. "An Empirical Study of the Existence, Relatedness, and Growth Needs (ERG) Theory in Knowledge Sharing Behaviors of Knowledge Workers”, Proceedings of the IADIS International Conference on Information Systems, Berlin, Germany, March 10-12, 2011.

**Chennamaneni, A** and Teng, J. “An Integrated Framework for Effective Tacit Knowledge Transfer”, Proceedings of the 17th Americas Conference on Information Systems, Detroit, Michigan, August 4 – 8, 2011

Vert, G. **Chennamaneni, A.** & Iyengar, S, “Integrating a New Contextual Model Paradigm with the Set Based Data Modeling Method to Create an Advanced Capability Data Repository”, Proceedings of the 2011 International Conference on Information & Knowledge Engineering, IKE 2011, Las Vegas Nevada, USA, July 18-21, 2011.

Hughes, K. & **Chennamaneni, A.** “Building a Contextual Sensor Network Using Automated Bots”, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA

Mahlke, R. & Vert, G. & **Chennamaneni, A.** “Applying Contextual Processing to Traffic Signal Control Systems”, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA

Vert, G. **Chennamaneni, A.** & Iyengar, S. “Mapping the Emerging Contextual Processing Paradigm and Taxonomic Classification onto Quality Selection Criteria for Data Sets Utilized in Data Mining”, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA



## **Non-Refereed Publications / Presentations**

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**Chennamaneni, A.** “The Role of Information Technology in Keeping Homeless Youth Connected”, American Democracy Project Provost Lecture Series on Youth Homelessness, Killeen, Texas, October 29, 2015

**Chennamaneni, A & Altman, B.** “Challenges and Lessons Learned in Teaching Online Courses in CIS”, Texas Blackboard Users Group, Killeen, Texas, October 25-26, 2012

**Chennamaneni, A. & Vert G.** “Current Trends in Security Research and Training in Higher Education”, Secure world Expo, Dallas, November 2-3, 2011.

**Chennamaneni, A. Larson, L. & Perschbach, J.** “Virtualized IT Infrastructure for Student Experimentation in Network Security and Sustainable Computing”, 40th Annual Meeting of the Decision Sciences Institute, Nov. 2009.

**Chennamaneni, A. & Teng, J.** “Transferring Tacit Knowledge – Contingent Approach”, 39th Annual Meeting of the Decision Sciences Institute, Nov. 2008

**Chennamaneni, A. Raja M.K. & Teng, J.** “Determinants of Knowledge Sharing Behaviors: Developing and Testing an Integrated Theoretical Model”, 37<sup>th</sup> Annual Meeting of the Decision Sciences Institute, San Antonio, Nov. 2006

Vinekar, V. Teng, J. & **Chennamaneni, A.** “A Unified Framework of Knowledge Management and Business Intelligence”, 37<sup>th</sup> Annual Meeting of the Decision Sciences Institute, San Antonio, Nov. 2006

## **RESEARCH WORK IN PROGRESS**

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Wood, C. Teng J, Song, S & **Chennamaneni, A.** Knowledge Management in Work Units, Manuscript preparation in final stages. Target Journal - Journal of Knowledge Management.

**Chennamaneni, A & Taneja, A.** “Privacy concerns and motivations associated with online social networking: An Investigation of factors influencing the intention to use Facebook – Completed data collection and analysis”. Preparing Manuscript for the Journal. Target Journal – Cyberpsychology and behavior

**Chennamaneni, A & Taneja, A.** Sense of Community, Privacy Management and Self-Disclosure on Facebook , Manuscript preparation, DSI conference.

**Chennamaneni, A.**, & Taneja, A. “Paper on online Social networking technologies”. Completed data collection and analysis. Preparing Manuscript for the journal

**Chennamaneni, A.** Big data and Cloud Computing, Manuscript preparation for the 2015 World Congress in Computer Science, Computer Engineering, and Applied Computing, World conference.

## **RESEARCH MENTORING**

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I have thoroughly guided and mentored many students in research. Thus far, my research work with students resulted in five publications in highly regarded peer reviewed national and international conference proceedings. Student names are highlighted in bold.

Chennamaneni, A & **Brown, J** “Use of Educational Data Mining and Intelligent Agents to provide Adaptable, Personalized Computer Science Education in e-Learning Environment”, Proceedings of the Second Workshop on AI-supported Education for Computer Science (AIEDCS) held at Intelligent Tutoring Systems, Honolulu, Hawaii, June 5-9, 2014

**Brown, J.** and Chennamaneni, A. “Towards an Integrated Framework for Applying the Agile Project Methodology to Manage Task Uncertainty in Disaster Management”, Proceedings of the 19th Americas Conference on Information Systems, Chicago, Illinois, August 15-17, 2013.

Chennamaneni, A & **Brown, J** “Improving Knowledge Management in E-Learning: A Contingent Framework for Efficient Knowledge Transfer”, Proceedings of the 2013 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government, Las Vegas, Nevada, July 22-25, 2013.

Chennamaneni, A. **Tunenkov, N** & Vert, G. “Information Systems Security Education – An e-Learning approach”, 13th Global Information Technology Management Association World Conference, Bangalore, India, June 17-19, 2012.

**Hughes, K.** & Chennamaneni, A. “Building a Contextual Sensor Network Using Automated Bots”, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA

## **SERVICE TO PROFESSION - EDITORIAL BOARD**

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- Editorial Board Member, Invited to serve on the editorial board - Currently serving as Editorial Board Member for Journal of Information and Knowledge Management
- Associate Editor, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA  
CSREA Press 2010

## **SERVICE TO PROFESSION – REVIEWER**

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Invited Reviewer, Journal of Information & Knowledge Management, 2012, 2013, 2014 - present

Invited Reviewer, International Journal of Advancements in Technology

Invited Reviewer, Americas Conference on Information Systems, 2012, 2013, 2015

Invited Reviewer, International Conference on Information Systems, 2013

Session Chair, Topics in Internet & Cloud Computing And Big Data, WorldComp, 2013

Session Chair, Medical Applications, WorldComp, 2013

Associate Editor, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA CSREA Press 2010

Co-Session Organizer. Global Contextual Processing and Foundations, Issues and Management Implementation. Information Knowledge Engineering, Las Vegas, Nevada, June 2010.

Reviewer, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, Las Vegas, Nevada, June 2010.

Reviewer, Decision Sciences Institute 2006

## **RESEARCH GRANTS**

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2008-2009 Tarleton State University - Mini Seed Grant

Currently preparing proposals for NSF and other industry grants

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## **UNIVERSITY SERVICE**

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### **SERVICE – LEADERSHIP POSITIONS**

Department Chair, Computer Information Systems, June 2012 – Present

Chair, Institutional Review Board (IRB), January 2015 - Present

Graduate Program Leader /Coordinator, MS Information Systems, Graduate Council  
2011-present

Faculty Senate 2010-2012

Chair, CIS – Assistant Professor hiring committees (chaired five times) 2010-2011, 2011-2012, 2012 – 2013, 2013-2014, 2014-2015

Chair, MS-Information System Program Review, 2013-2014

Chair, Internal Peer Review – ACC 301

**Department Chair, June 2012 – Present**  
**Computer Information Systems**  
**Texas A&M University Central Texas**

As department chair for Computer Information Systems, I carried out successfully all the duties and responsibilities of the department head. I have directed both undergraduate and graduate program assessments and assessments of student learning; chaired the MS-Information Systems program review and completed the self-study; managed curriculum development; actively participated in student recruitment and retention, handled several grievance appeals including student complaints, developed class schedules and a two-year schedule of classes for degree program planning; coordinated online course offerings; worked on accreditation activities related to SACS and AACBSP, recruited full time and adjunct faculty, mentored both full time and adjunct faculty, evaluated and supervised full time, adjunct faculty and graduate assistants; directed department meetings; participated in all university and college level meetings; communicated university and school issues to the department in a timely manner; worked collaboratively with other departments, graduate program leaders and AVP; worked with industry advisors and external groups in increasing the university and department presence in the community; I met with industry advisory groups and key business leaders in this region such as McClane technologies in an effort to strengthen our relationships with them and enhance TAMUCT offerings. I served on the Killeen Chamber of Commerce Industry IT council and Central Texas College IT council and maintained good relations with many IT companies in the area, partnered with CS/CIS departments of both CTC and Temple colleges and promoted the degree programs and the courses, managed departmental resources effectively. I have also provided academic and administrative assistance to divisional director and conducted all necessary departmental correspondence.

**Chair, Institutional Review Board (IRB) January 2015 – Present,**  
**Texas A&M University Central Texas**

The Institutional Review Board of Texas A&M University - Central Texas is charged with overseeing all research conducted by the University to protect the rights and welfare of human subjects and support the institution's research mission

**Graduate Program Leader, Information Systems, August 2011 – Present,  
Texas A&M University Central Texas**

Since the council's inception in 2011, I have been playing an active role in the leadership capacity on the graduate council. The graduate council met every month and we reviewed the graduate studies and faculty characteristics benchmark report and recommendations, curricular changes to graduate programs as well as the policies impacting graduate programs and graduate faculty. We also reviewed and approved graduate faculty memberships. Additionally, I have

- Developed and revised graduate program course schedules on a two-year schedule
- Coordinated graduate online course offerings
- Coordinated ongoing course changes and evaluations
- Developed and coordinated university catalog changes related to information systems graduate program
- Coordinated and mentored graduate assistants related to information systems graduate program
- Chaired MS-Information Systems Program Review
- Oversaw graduate program assessment and assessment of student learning.

**Program Coordinator, Computer Information Systems, June 2010 – August 2010  
& June 2011 – August 2011  
Texas A&M University Central Texas**

- Prepared departmental course schedules for fall 2011 & assisted in preparing course schedules for spring 2012, summer 2012 and fall 2012.
- Conducted necessary departmental correspondence.
- Provided academic and administrative assistance to divisional director as needed.
- Assisted in accreditation activities related to SACS and ACBSP
- Actively involved in semester planning and advising each semester.

**Graduate Program Advisor for Master of Science in Information Systems August  
2010 – Present**

- Served as Graduate Program Advisor for Master of Science in Information Systems
- Served as a coordinator for the MS information Systems online program.

**Advising / Mentoring**

University Faculty Mentor - Research and Scholarship, September 2014 - Present

Student Mentor /Advisor - I am actively involved in semester planning and advising each semester. I have advised about 90 graduate students and over 80 undergraduate students. I have advised and mentored students in selecting and completing their degree paths. I discussed with them the courses they need to take, career plans, certifications, internship and job opportunities, scholarships and participation in professional development. I have mentored students both inside and outside classroom.

Table below summarizes my university service related activities.

<b>Service</b>	<b>Year</b>
<b>University Committees</b>	
1. Institutional Review Board (IRB)	2015 - Present
2. Graduate Council	2011 - Present
3. Faculty Scholarship and Research Committee	2011 – 2013; 2015 - Present
4. Export Control Committee	2012 - 2015
5. Faculty Senate	2010-2012
6. Distance Learning Advisory Council	2012
7. Academic Council	2010 - 2012
8. University Scholarship Committee	2010 - 2012
9. University Curriculum Committee	2011
10. Faculty Development Committee	2010 - 2011
11. Information Literacy and Technology Strategic Planning Task force (It was part of University Planning Council)	2010
<b>School of Business Administration</b>	
12. SOBA Curriculum Committee	2012 –Present
13. SOBA Scholarship Committee	2011-2012
14. SOBA Accreditation Committee	2014 - Present
<b>Department of Computer Information Systems</b>	
15. Chair, Department of Computer Information Systems	2012 - Present
16. Chair, Hiring Committee for CIS Assistant Professor	2010-2011; 2011- 2012; 2012-2013; 2013-2014, 2014-2015; 2015-2016
17. Chair, MS – Information Systems Program Review	2013-2014
18. CIS Curriculum Committee	2011- Present
19. Assessment Committee	2011 – Present
20. Comprehensive Exam Committee	2008 - Present
<b>Other Committees / Task Force / Miscellaneous Service</b>	
21. Post-tenure review task force	2015 - Present

22. New Student Orientation Task Force	2012 - Present
23. Chair, Internal Peer Review – ACC 301	2013
24. Hiring Committee – Assistant Vice President for Technology Enhanced Learning	2014 - 15
25. Hiring Committee – IT System Administrator	2012
26. Bookstore proposal committee	2011
27. Hiring Committee - Academic Support Coordinator	2011
28. Hiring Committee - Technical Services Librarian	2011
29. Marshall, Undergraduate Students	Spring, 2012
30. Marshall, Graduate Students	August, 2010
31. Recruitment & Orientation Events	Whenever possible
<b>Advising / Mentoring</b>	
University Research and Scholarship Faculty Mentor	2014 - Present
Graduate & Undergraduate Students Advising & Mentorship	2008 - Present
Junior and Adjunct Faculty Mentorship	2010 - Present
Graduate Assistants Mentorship	2011 - Present
Co-faculty adviser, E-Sports Student Organization	2012 - 2013

## **SERVICE TO COMMUNITY**

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- Member, Killeen Chamber of Commerce Industry IT council 2013 - present
- Member, Central Texas College IT council 2013 – present
- Mentor, Killeen High school students 2013
- Mentor, Summer research program, NSF step-grant research program 2013, 2014
- General Secretary, Texas A&M Central Texas Chapter of the ACM
- Co-faculty advisor, E-sports Organization 2012 - 2013
- Coached one team for the FIRST (For Inspiration and Recognition of Science and Technology) Lego League (FLL) competition in the year 2011 – 2012.
- Sunday School Teacher, Chinmaya Mission 2006 - present

## **INDUSTRY EXPERIENCE**

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**Senior Applications Developer,  
The Neiman Marcus Group, Dallas**

**May 2002 – August 2008**

Responsible for process design, configuration, development, integration, testing and deployment of web based Oracle e-Business Suite of ERP applications

- Led and managed major projects such as Engineering and Construction enhancement to Purchasing and so forth.
- Worked with the business functional areas and provided innovative, workable solutions to a wide range of business and technical problems.

- Analyzed business requirements and developed both functional and technical design documentation for conversions, extensions, interfaces, screens, reports, workflow and so forth.
- Prepared effort estimates for projects, including high level analysis, resource requirements, and impact to other activities
- Designed and developed several user interfaces and integrated them with oracle e-Business Suite of ERP applications
- Enhanced standard Screens, Reports, APIs and workflows in General Ledger, Accounts Payables, Purchasing, I-procurement, I-Supplier, Inventory, Properties and other financial modules to serve various divisions business needs.
- Developed custom screens, reports, APIs, database triggers, packages, procedures, functions and workflows to implement specific business needs.
- Wrote SQL\*LOADER scripts for data extraction and loading.
- Involved in the upgrade of e-business suite applications from version 11.5.7 to 11.5.9 and to 11.5.10
- Performed troubleshooting and diagnostics activities. Fine tuned complex programming modules
- Mentored junior development team members by providing technical expertise, guidance and training .
- Trained end users and internal staff on architecture and application enhancements.
- Provided 24x7 maintenance support for production systems. Resolved production issues minimizing system down time.

**Software Analyst and Programmer,  
JP Mobile Inc, Dallas**

**Oct 1998 – March 2002**

**Client - Pepsi Business Solution Group, Plano  
Jul'99 – Dec'01**

Involved in the implementation, enhancement and maintenance of Enterprise Resource Planning applications for Pepsi, Frito-Lay, FSM, and Tropicana in a multi-org environment

- Gathered and analyzed business requirements, provided gap analysis and suggested best practice approaches.
- Prepared both functional and technical design documentation for conversions, extensions, interfaces, screens, reports and so forth.
- Customized standard screens, Reports and APIs in Purchasing, Workflow, Accounts Payable, SSWA and other financial modules to serve different division's business needs.
- Developed custom interfaces using SQL, PL/SQL, SQL\* Loader and Unix shell scripts between third party legacy systems and Oracle Purchasing modules
- Created custom Reports, Screens, Triggers and PL/SQL programs



- Interfaced with users and assisted them in setups and regression testing of various financial enhancements
- Assisted the functional architects in providing end user support and training for application enhancements
- Mentored less experienced co-workers and end users.
- Provided 24x7 maintenance support for production systems

**Client, Kintetsu World Express, Dallas**

**Mar '99 – Jul '99**

Involved in the implementation and customization of Oracle Financial ERP Applications.

- Developed PL/SQL scripts to import data into open interface tables.
- Customized standard Oracle Screens, Reports and API's and registered them for appropriate responsibilities
- Assisted in the plan and configuration of Receivables. Configured the set up of banks, bank accounts, Customer Profiles, Transaction Types, Tax, Accounting periods, payment terms etc.
- Wrote Complex triggers and procedures to implement specific business rules and policies.
- Created Balance sheet and Income Statement reports using Financial Statement Generator
- Used Sysadmin privilege to define and manage concurrent managers, programs, report groups, responsibilities, users etc.
- Generated test scripts. Prepared user guides and procedure documentation.
- Tuned poorly performing SQL statements using Trace, TKPROF, Explain plan etc.

**Client, Nokia Mobile Phones, FortWorth**

**Oct '98 – Feb'99**

- Provided significant enhancements to the Inventory system that interfaces with Oracle Financials.
- Made database changes to the system to enable it to handle consignment inventory for vendors, including creating blanket consignment purchase orders for receiving inventory into consignment inventory, stocking it, issuing it to shop floors and maintaining general ledger entries to ensure proper financial recording.

**Programmer/Analyst, Dallas Market Center, Dallas**

**Oct' 97 - Aug' 98**

Maintained and supported the Financial Enterprise Systems

- Developed and maintained custom extensions, interfaces and add-ons to Enterprise Systems

- Made custom modifications to the interfaces accessing General Ledger, Accounts Receivable and Accounts Payable modules of the application.
- Customized various screens/reports and coded several database triggers and procedures to implement specific business rules and policies.
- As Sysadmin, administered the Concurrent Manager, defined and registered Concurrent Programs, Controls, Responsibilities, Users, Security groups, printers etc
- Monitored the performance of the databases and operating systems. Ran space utilization scripts to monitor and correct storage of table spaces, rollback segments etc. Eliminated fragmentation of tables and indexes.
- Administered database security.
- Used export and import utilities to backup data, migrate tables and to create new test instances.
- Used Trace, TKPROF, Explain plan to diagnose, trouble shoot and tune the poorly performing SQL statements.
- Responsible for tuning buffer cache, reducing disk contention, I/O optimization and performance of Unix System.
- Sized crucial INIT.ORA/SGA parameters correctly by analyzing db\_block\_buffers, hit ratio, shared\_pool\_size, sort\_area\_size etc.
- Trained end users and internal staff on architecture and application enhancements.

## **PROFESSIONAL TRAINING**

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- Oracle Financials Technical Foundation
- Oracle Database Administration
- Oracle Performance Tuning
- Oracle Backup and Recovery
- 11i Extend Oracle Applications: Building OA Framework Applications
- Oracle 10g Java Programming
- Training in Unix
- Advanced E-Commerce Application Development
- Java/EJB/Servlets
- Visual Basic Programming
- C++ Object Oriented Programming
- XML programming
- Certified Ethical Hacking