

CURRICULUM VITAE

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MCS 205C

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EDUCATION

University of Texas at Dallas, Richardson, Texas, M.S. in Computer Science - 1990

Angelo State University, San Angelo, Texas, B.S. in Computer Science, Minor in Math - 1988

TEACHING EXPERIENCE

Angelo State University; San Angelo, Texas

Instructor, 2007-2011, 2017-2019

- Fundamentals of Programming – introductory programming concepts using VB .NET
- Visual Programming – event-driven programming in a GUI environment
- Computer Science I – basic programming concepts in the C++ language
- Computer Science II – problem solving in C++ using bit manipulation and abstract data types
- Java Programming – programming concepts in the Java language
- Computer Literacy – overview of computers in the world today

RELATED PROFESSIONAL EXPERIENCE

Wall Independent School District, Wall, Texas

Technology Director, 1995 - 2007

- Designed, maintained, and supported network for three campuses
- Managed 500+ workstations, 45 networked printers, and 1300 users
- Oversaw three technicians, assessed responsibilities, and conducted annual performance appraisals
- Managed installation of all network cable including fiber and twisted-pair
- Installed, configured, and updated all server operating systems
- Managed annual technology budget and responsible for all district technology purchases
- Installed, configured, maintained, and supported all district software systems
- Purchased, installed, and configured all network switches
- Installed and configured MS Exchange email server; maintained 150 email accounts
- Configured and updated Active Directory to manage users and networked devices; configured mandatory and roaming profiles; established network privileges; managed user login scripts and file storage; enforced disk quotas
- Installed and configured all print servers
- Installed backup software and maintained server backups
- Maintained district web pages
- Supported video conferencing equipment for dual credit courses and training sessions
- Wrote grant applications and received over \$300,000 in grant funding
- Oversaw vertical alignment sessions for K-12 technology applications courses
- Maintained inventory information for all information technology equipment and software
- Managed all software license agreements
- Planned, organized, and taught summer in-service training sessions for district teachers
- Provided workstation support
- Authored and updated the district technology plan and acceptable use policy
- Obtained E-Rate funding annually
- Served on hiring committees for district administrators and all technology related positions
- Purchased, installed, configured, and administered software applications which supported K-12 education

GTE Data Services, San Angelo, TX

Programmer, 1991 - 1993

- Managed a real-time VAX based application that curtailed fraudulent cellular phone users
- Installed hardware and software, developed DCL code, tuned systems, provided network support, developed capacity plans, and provided user support
- Provided secondary support for a network of SUN servers and workstations which were used to monitor data center applications running on various hardware platforms
- Provided on-call 24-hour support