Published on *Joe Pearce's Home Page* (https://joepearce.com/home)

Biographical Summary

Joseph L. Pearce – Former Graduate Student
Graduate Studies: Computer and Information Sciences
Information Technology beginning Fall 2006
Undergraduate: Graduated (Summa cum Laude) Spring 2006
B.S. Computer and Information Sciences
Information Technology Concentration with Security Focus
East Tennessee State University
College of Business and Technology
Department of Computer and Information Sciences

Education:
Major- Computer and Information Sciences
Undergraduate GPA: 3.86 East Tennessee State University Graduate
I plan on doing a master's thesis on smart card security or may choose one of the capstone tracks when time allows. I have now completed 9 credit hours of my graduate work. I am currently on academic hiatus due to my employment at Eastman Chemical Company. I plan to return at some point in the future when I get an opportunity.

Employment:
Eastman Chemical Company

Senior Systems Analyst in the Global Voice and Communication Architecture group - (April 1st 2016 - Present) Primary role involves project coordination, leadership, and management, security assessment and remediation of VoIP systems, global voice strategy development and design, enterprise video assessment, call quality improvements, VoIP architecture design, VoIP infrastructure support, implementation of modern telephony systems, long distance and toll free rationalization, global IP trunk VoIP implementation, core PBX replacement design and implementation, change management and controls, infrastructure group dynamics improvement, interpersonal communication improvement, corporate auditing alignment, cyber security risk assessment, network security risk assessment.

Senior Systems Analyst in the Global Servers, Storage, and Backup group - (September 20th 2014 - April 1st 2016) Primary role involves infrastructure integration related to mergers, acquisitions, and joint ventures, cloud services,

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various Microsoft Windows server systems involving builds, setup, configuration of Windows Servers in a virtual environment, telephony server and services improvements, ERP hardware assessments, Linux support, continued support and knowledge transfers related to previous roles, project management, risk assessment, on call support, and infrastructure architecture planning, design, coordination, and implementation.

Advanced Systems Analyst in the Global Windows Architecture group - (April 8, 2014 -September 20th 2014) - Global Windows Identity Architecture sub-team - Active Directory, AAA, SSL-VPN, Remote Desktop Services, Group Policy Management, PKI, DFS, Identity Services and Multi Factor Authentication, Time Services, Risk Assessment, Change Management, Joint Venture/Mergers/Acquisition Integration, Core Services.
Responsibilities: Corporate Active Directory architecture design, configuration, security, management, and support, Active Directory group policy and management, Remote Desktop Services architecture design, security, configuration, and management including remote apps, session broker load balancing, and remote desktop gateways, SSL-VPN remote access, DCS security solutions, PKI management and support, acquisition site application access integration, change management approval, cybersecurity risk assessment

Advanced Systems Analyst in the IT Infrastructure Services group – (December 19, 2011 – April 8, 2014) – Responsibilities: Infrastructure Services Security Implementation, Risk Management, Acquisition Integration, Remote Desktop Services, Active Directory Management, Group Policy Management, SSL-VPN, Infrastructure Services Review Processes, Configuration Management, Windows Patch Management, Time Services, Change Management, and Identity Services

Former Network Architecture Team Lead Network Infrastructure Security, Control, Analytics, and Remote Access: (January 2007 – December 19 2012) – Systems Analyst II (Journey Systems Analyst) in the Global Network and Communications Architecture group (formally Global Telecommunication Services) – Group team lead for Infrastructure Security, Control, Analytics and Remote Access Team –Responsibilities: Network Infrastructure Monitoring and Control, DNS/DHCP/IPAM/WINS, Performance Analytics, Network Load Balancing (Server Load Balancing and Global Server Load Balancing), Remote and Global Access Solutions (IPSEC, SSLVPN, Remote Mobile Technologies), Intrusion Detection and Prevention, Network Firewalls, Threat Management Gateways and Proxies, Content Management; Project Management and Implementation; Server and Network Review Processes, Risk Assessment and Analysis, Incident Response, Vendor Relationship Techniques, Organizational Behavior and Interpersonal Communication Tactics and Strategies; Eastman Corporate Home Page: http://www.eastman.com [1]

East Tennessee State University (Fall 2005 – Spring 2006) - Teaching Assistant
Computer and Information Sciences Dr. M.G. Bailey (Visual Programming and Advanced Visual Programming)

East Tennessee State University (2004-2005) – APS Capstone Assistant
(Cloudland High School: Larry Heaton – Technology Coordinator) Computer and Information Sciences (Dr. Terry Countermine)

Northeast State Community College (2002-2004) - Computer Engineering and
Computer and Information Sciences Lab Technician (Asst. Prof. Dan H. Perry)

HyTyme Express Computer Center (2000 -2002) - Personal Computer and
Networking Technician (Charles Emerson – Owner)

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Degrees:

B.S. Computer and Information Sciences – Information Technology
Concentration (Summa Cum Laude) – East Tennessee State University
A.A.S. General Technology (Magna Cum Laude) - Northeast State Community College, Tennessee
A.A.S. Computer and Information Sciences with P.C. Specialist and Networking Tech. concentrations (Magna Cum Laude) - Northeast State Community College, Tennessee

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Technical Certificates:
Local/Wide Area Networking (Northeast State Community College, Tennessee)
Personal Computer Networking Specialist (Northeast State Community College, Tennessee)

Awards and Honors:

National Deans List 2002-2005
National Chancellor’s List 2006
United States Achievement Academy All American Scholar
Fall 2004 East Tennessee State University Dean's List
Spring 2005 East Tennessee State University Dean's List
Northeast State Community College Honors Program
Northeast State Community College: Outstanding Student in Computer and Information Sciences - P.C. Specialist
-http://www.northeaststate.edu/Campus-Life/Institutional-Honors/Program-A... [2]
Northeast State Community College Presidents List 2002-2004
Northeast State Community College Vice-President's List 2001-2002
Who's Who Among Students in American Junior Colleges

Honor Society Memberships, Invitations, or Nominations:
Phi Theta Kappa National Honor Society
Phi Kappa Phi National Honor Society
Upsilon Pi Epsilon Computer Science Honor Society
ETSU UPE Chapter Home Page: http://csciwww.etsu.edu/upe/default.asp [3]
The National Scholars Honor Society
Invited to join Alpha Sigma Lambda, Golden Key National Honor Society, the Gamma Beta Phi Society
Fall 2005 Nomination as Collegiate Scholar in the 2006 International Scholar Laureate Program Delegation on Technology in China

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Professional/Student Memberships:
Association for Computing Machinery (Former president and founding member of the Northeast State Community College chapter)
National ACM Homepage: http://www.acm.org/ [4]
Astronomical League (Former Member)
Infragard (Member) - Infragard Home page: http://www.infragard.net [5]
Defense Security Information Exchange - DSIE Homepage: http://www.dsie.org [6]

Clubs and Organizations (Past and Present):
Muscle Car Ministries: http://www.musclecarministries.com/ [7]
Northeast Tennessee Mustang Club: http://www.tnvalleymustangclub.org/ [8]
Tennessee Valley Mustang Club: http://tnvalleymustang.com/ [9]
SVT Owners Association: http://www.svtoa.com/ [10]
SVT Mustang Cobra Club: https://www.svtcobraclub.com/mainpage.html [11]
White Mustang Registry: http://www.whitemustangregistry.com/ [12]
Eastman Professional Development Club
Eastman Information Technology Development Club
Eastman Recreation Club at Eastman Chemical Company
Free and Accepted Master Mason Dashiell Lodge #238 Elizabethton, Tennessee Officer (Former Senior Stewart)
Grand Lodge of Tennessee Website: http://www.grandlodge-tn.org [13]
Order of Eastern Star Sycamore Chapter #163 Member
Grand Order of the Eastern Star of Tennessee Website: http://www.grandlodge-tn.org/OES/index.php [14]
East Tennessee State University Association for Computing Machinery (Former Member):
http://csciwww.etsu.edu/acm/memberlist.asp [15]
Association for Computing Machinery (Former president and founding member of the Northeast State Community College chapter)
National ACM Homepage: http://www.acm.org/ [4]
Northeast State Community College Astronomy Club (Former Co-President and Treasurer)
Northeast State Community College Venturing Crew (Former Vice-President)

Scholarships and Research Projects:
East Tennessee State University James H. Quillen Scholarship (Quillen Scholar):
https://www.etsu.edu/gradstud/quillen.php [16]
East Tennessee State University North American Rayon Corporation Scholarship
East Tennessee State University Academic Performance Scholarship
East Tennessee State University Nebraska Book Company Scholarship
East Tennessee State University Non-Traditional Student Scholarship
East Tennessee State University Buford J. and Mary Jane Goldstein Scholarship
Northeast State Community College Academic Work Scholarship
Northeast State Technical Community College Foundation Honors Scholarship

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Community Service and Volunteer Projects:
Northeast Tennessee Mustang Club/ American Patriots Pastime Inc. Toys for Tots Drive in Partnership with Dollar General 2014
Abby Turbyfill Benefit Car Show - Muscle Car Ministries November 8th 2014
Dashiell Lodge # 238 Elizabethton, Tennessee Shrine Club Shrine Paper Sale Volunteer
Northeast State Community College Carter County Technology Improvement Program
(Technology Book Donations and Technology Improvements)
- Cloudland Elementary School (2004)
Cloudland High School Projects (Technology Book Donations and Technology Improvements) (2005 – 2006)
Elizabethton Carter County Public Library Book Donations (2004 – 2008)
East Tennessee State University Association for Computing Machinery Computer
Science Department Student Help Desk

Research:
Various Information Technology Subjects, Local History (Hampton, TN, Horseshoe Bend of the Watauga River, Laurel Fork Railway, Pittsburg Lumber Company, Allentown, TN), Smart Cards (Security, Ethics research), Outsourcing (Corporate IT course), Genealogy (My family including the Pearce, Carden, Johnson, and Blevins surnames): http://www.joepearce.net/gen/ [17]

Interests:
Mustang Car Clubs and Supported Charities, Technology, Free Masonry, Hiking, Fishing, Camping, Forestry, Automotive Detailing, Car Audio, Home Theater, Gardening, Astronomy, Information Security, Computer Forensics

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Permits and Licenses:
Tennessee Handgun Carry Permit
ETSU Handgun Permit Certification Course (Handgun Safety Course) – Aaron Henley
Qualifications and Requirements: http://www.tn.gov/safety/handgun/qualifications.htm [18]

Career Development and Professional Training:
Eastman University – EMNU: Dealing with the Highly Skilled Salesperson (June 2007)
Bailey Computing Technologies Customized Windows Vista Training for ECC Developers
- Microsoft 5119 Supporting the Windows Vista Operating System (July 2007)
- Microsoft 5115 Installing and Configuring the Windows Vista Operating System (July 2007)
- Microsoft Server 2008 Network Infrastructures - NAP/NPS Included (August 2008) Course number provided at later date

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BCTI Customized Training
- Microsoft 2274B Managing a Microsoft Windows Server 2003 Environment (March 2008)
- Microsoft Windows Server 2008 Technical Training (November 2008)
- CompTIA Network + (June 2008)
Men and Mice - 5-day Introduction: Advanced DNS and BIND Topics Hands-on class(2009):
https://www.menandmice.com/support-training/training/dns-security-dnssec/ [19]
Blue Ridge Conference On Leadership, Black Mountain, North Carolina - October 2009 -
http://www.blueridgeleadership.com/ [20]
Pink Elephant – Introduction to the ITSM Operations Process Model
Radware Alteon (2010) - Alteon Level 1 and Level 2: https://fs2.formsite.com/radsupport/form43/secure_index.html [21]
ESI International Project Management Class
- Managing IT Projects: http://www.esi-intl.com/register/Course.asp?CourseCode=ITP-DBR&Startdate... [22]
Microsoft Powershell - Onsite training 2013
Eastman University - Social Styles 2013- identified as a Driver/Driver
http://www.tracomcorp.com/social-style-training/model/ [23]
Microsoft 2013 Course 50402B - Implementing Forefront Unified Access Gateway 2010:
https://www.microsoft.com/en-us/learning/course.aspx?cid=50402 [24]
Microsoft (September 2016) 20334 Core Solutions of Microsoft Skype for Business 2015
Microsoft (November 2016) 20337 Enterprise Voice and Online Services with Microsoft Lync Server 2013

Other Vendor specific training and knowledge transfers received but not listed for privacy and security reasons

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Conferences and Events:
Microsoft Ready for a New Day Launch Event: Event ID 1032331494 (March 2007)
- Exchange Server, Office, and Windows Vista
Voyage 2007 – OSISoft User Conference Monterey, CA (August 5-10 2007)
East Tennessee Cyber Security Summit Knoxville, TN (October 19-20 2010) http://www.etcss.org/ [25]
Microsoft TechEd 2011 – Georgia World Congress Center Atlanta, GA – (May 16-19 2011)
- Wesite: http://northamerica.msteched.com/ [26]
East Tennessee Cyber Security Summit Knoxville, TN (October 12-13 2011) http://www.etcss.org/ [25]
Server 2008R2 Active Directory Advanced Training Charlotte, NC - http://www.minasi.com/ad08full/ [27] (February 20-21 2012)
Microsoft MMS 2013 - Mandalay Bay Las Vegas, Nevada - April 8-11 2013
Group Policy Training - Jeremy Moskowitz Microsoft MVP Kingsport, TN (October 7-9, 2013) -
https://www.gpanswers.com/training/get-training/ [28]
East Tennessee Cyber Security Summit Knoxville, TN (October 22-23 2013) http://www.etcss.org/ [25]
Microsoft TechEd 2014 - Houston, TX (May 12-16 2014) http://northamerica.msteched.com/#fbid=Ymw4aK0mMfp [29]
Microsoft Ignite 2015 - Chicago, IL (May 4-8 2015) http://ignite.microsoft.com/ [30]
Cisco Live 2016 - Las Vegas, Nevada (July 10-15 2016) http://www.ciscolive.com/us/ [31]

Manufacturing and Office Sites Visited (EMEA countries, US states) - Integration Related -

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United States:
Kingsport, Tennessee
Maryville/St. Louis, Missouri
Sauget, Illinois
Indian Orchard/Springfiled, Massachusetts
Allentown, Pennsylvania
Pace, Florida
St. Gabriel, Louisiana
Miami, FL

EMEA:
Oulu, Finland
Middelburg, Netherlands
Ghent, Belgium
Leuna, Germany
Zaventem, Belgium

Personality Profile:
https://www.16personalities.com/profiles/57a7a8dc70de2 [32]

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Links

[1] http://www.eastman.com [2] http://www.northeaststate.edu/Campus-Life/Institutional-Honors/Program-Area-Awards/ [3] http://csciwww.etsu.edu/upe/default.asp [4] http://www.acm.org/ [5] http://www.infragard.net [6] http://www.dsie.org [7] http://www.musclecarministries.com/ [8] http://www.tnvalleymustangclub.org/ [9] http://tnvalleymustang.com/ [10] http://www.svtoa.com/ [11] https://www.svtcobraclub.com/mainpage.html [12] http://www.whitemustangregistry.com/ [13] http://www.grandlodge-tn.org [14] http://www.grandlodge-tn.org/OES/index.php [15] http://csciwww.etsu.edu/acm/memberlist.asp [16] https://www.etsu.edu/gradstud/quillen.php [17] http://www.joepearce.net/gen/ [18] http://www.tn.gov/safety/handgun/qualifications.htm [19] https://www.menandmice.com/support-training/training/dns-security-dnssec/ [20] http://www.blueridgeleadership.com/ [21] https://fs2.formsite.com/radsupport/form43/secure_index.html [22] http://www.esi-intl.com/register/Course.asp?CourseCode=ITP-DBR&Startdate=&EndDate=&City= [23] http://www.tracomcorp.com/social-style-training/model/ [24] https://www.microsoft.com/en-us/learning/course.aspx?cid=50402 [25] http://www.etcss.org/ [26] http://northamerica.msteched.com/ [27] http://www.minasi.com/ad08full/ [28] https://www.gpanswers.com/training/get-training/ [29] http://northamerica.msteched.com/#fbid=Ymw4aK0mMfp [30] http://ignite.microsoft.com/ [31] http://www.ciscolive.com/us/ [32] https://www.16personalities.com/profiles/57a7a8dc70de2

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