

# Stephen (Steve) C. Palmer

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**OBJECTIVE** I intend to utilize my computing experience, analytical skills and education in a scientific or technological role; providing innovation and quality for an employer while realizing growth opportunities for myself.

- QUALIFICATIONS**
- BA Mathematics, 1991; MS Computer Science, 2006; PhD Information Technology, 2015 (expected)
  - Unix Systems Architect / Engineer – 1994-present
  - Unix Platform Technical Team Lead – 1997-2005
  - Programming / Scripting – 1988-present

**PROFESSIONAL EXPERIENCE** *Systems Engineer / Unix Technology Team Lead*

**Verizon Communications Inc** Exton, PA 1998-Present

- 3<sup>rd</sup> tier OS support for up to 2,000 Solaris and linux servers of all scales and numerous versions. Most recently focused on Solaris 10 implementation.
- Support for web servers, application servers, database servers, firewalls and high availability clusters.
- Participate in system and network infrastructure design, including design of database, application and firewall clusters.
- Design, engineering and implementation of virtualization platforms including Solaris containers (zones) and Oracle VMs (Idoms).
- ksh and perl scripting
- **2009-Present:** Member of Verizon IT Solaris Enterprise Standards team.
- **2010:** U.S. Patent No. 7,738,717 - Systems and Methods for Optimizing Bit Utilization in Data Encoding
- **2008:** Presented "Radix Representations and Storage Utilization" to the PACISE 2008 Spring Conference.
- **2004:** Graduated ISOP (Information Systems Orientation Program). ISOP is an 8 month program to provide leadership training, mentoring and networking opportunities to invited candidates in Verizon IT.
- **2001-2002:** Member of Verizon Information Security Council.
- Earned a number of individual and team awards.

*UNIX Systems Architect / Unix Technology Team Lead*

**Astra Pharmaceuticals** Chesterbrook, PA 1997-1998

- Led team of 3 administrators for 2<sup>nd</sup> tier support of OS, firewalls, middleware, management tools and hardware for about 40 HP-UX servers.
- Created and documented system architectural standards for implementation by operations staff.
- Supported and configured EMC Storage.
- C Programming and shell scripting; HP-UX versions 9.04 -> 11.05, Checkpoint and Digital Firewall. SunOS 4.1.4.
- Received several performance awards.

*Network Systems Software Programmer*

**The Hay Group** Philadelphia, PA 1996-1997

- 2<sup>nd</sup> and 3<sup>rd</sup> tier support of OS and middleware for world-wide servers.
- Network, OS2 server and Lotus Notes administration.
- C programming and shell scripting.

**Network Control Technician, Programmer****BTNA / MCI** Audubon, PA 1991-1997

- LAN admin for Sun and Netware workstations and servers.
- C, Fortran and perl programming, shell scripting.
- Network Operations for MCI Tymnet X.25 and Frame Relay networks.
- Received numerous awards, including MCI's Masters Award in 1995.

**Computer Operator, Programmer, Security Analyst****General Electric** King of Prussia, PA 1986-1991

- 1988-1991  
Mainframe programming, scripting and security administration.
- 1986-1988  
Computer operations, including tape mounts, Xerox 9700 laser printer operation, NCR microfiche operation, HBI and IBM mainframe console operations, line printers and card readers.

**PUBLICATIONS**Palmer, S. C., & Wyatt, R. (2010). *U.S. Patent No. 7,738,717*. Washington, DC: U.S. Patent and Trademark Office..Palmer, S., & Wyatt, R. (2008). *Radix Representations and Storage Utilization*; Spring 2008 PACISE Conference Proceedings.Palmer, S. C. (2006). *Storage efficiency for radix representation of data with fixed length encoding* (Master's thesis). West Chester University, West Chester, PA.**EDUCATION** **Capella University Minneapolis, MN** **2015**

- PhD in Information Technology (expected)
- 10 post-masters degree courses completed to date.
- gpa 3.667 out of 4.0

**Drexel University Philadelphia, PA** **2008-2009**

- Nonmatriculated courses in Computer Science
- gpa – 3.5 out of 4.0

**West Chester University of PA West Chester, PA** **2006**

- Master of Science in Computer Science
- April, 2006 – Award for Outstanding Scholarship in Computer Science
- gpa 3.786 out of 4.0

**Eastern College St. Davids, PA** **1991**

- BA Mathematics, Dean's list, 1990 and 1991

**TECHNOLOGIES****Programming / Scripting:** ksh, sh, csh, C, C++, perl, Fortran, Cobol, java, lisp, ml, javascript, REXX**Operating Systems:** SunOS / Solaris, RedHat Linux, HPUX, IBM/MVS (TSO, CICS and IDMS), IBM/VM, HBI/GCOS8, TOPS-10, OS2/Warp, DG-UX, AIX**Virtualization:** Oracle VMs (Idoms) and Solaris Containers**High Availability:** Veritas Cluster Server, SunCluster, Stonebeat FullCluster**Utilities:** Veritas Foundation Suite, Solstice DiskSuite and Networker, HP OpenView Network Node Manager**Server Hardware:** Sun Sparc, Fujitsu Sparc, HP 9000, XKL, IBM 3090, IBM AS400, HBI DPS92, various Intel.**Firewalls:** Checkpoint 3.x and 4.x, Raptor, Digital Altavista '98**INTERESTS & HOBBIES**

- Founder: Chester County IT Professionals, a 250+ member LinkedIn and Professional Networking group.
- Professional Member – Association of Computing Machinery (ACM)
- Shotokan Karate
- Chess