

Claude Tyler McAdams

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## Education:

Fall 1993 - Fall 1998:

[East Carolina University](#)

Major: Economics (BA)

Minor: Art (The Fine & Applied Arts)

Graduate level study in Macroeconomics

Language concentrations in Japanese and Spanish

Member of the [Delta Chi](#) fraternity

Member of the Economics Society and Japanese Society

## Work Experience:

October 31st 2008 to Present:

[LinuxDNA](#) [Project Founder & Architect] An Intel and SGI sponsored open source project  
355 East Ave.

Bluffton, SC 29910

Job Responsibilities:

- Work with SGI to engineer a Linux supercomputer kernel for the Altix 4700 IPF architecture
- Oversee and coordinate development of the high performance ICC compiled Linux kernel source and LinuxDNA SEL operating system for IA32, IA64 & x86\_64 systems
- Create and manage the Gentoo Linux VMware and Virtual box development VMs
- Work with Intel to create an ICC optimized Moblin linux
- Manage the LinuxDNA Google Group
- Maintain the LinuxDNA mirror and website on Redhat 5.2
- Exchange 2007 Administration

February 13<sup>th</sup> 2008 to October 31<sup>st</sup>:

[Music Intelligence Solutions](#) [UNIX Administration]

208 E Broughton St.

Savannah, GA 31401

Job Responsibilities:

- Systems administration: Redhat Linux RHEL 5, VMware ESXi & Server 2.0, Solaris 10 on ZFS, Windows 2003 Server, Cisco ASA 5505 and 1841 Firewall & VPN
- Hardware and software installation, problem determination, patching, and configuration
- Bash shell scripting
- Virtualization with VMware and Solaris Zones / Containers
- Mac OS X and Windows XP Desktop Administration
- Exchange 2007 Administration
- Web 2.0 software admin – Nginx Loadbalncer and Reverse Proxy, Mongrel Cluster, ZFS, Memcache, Passenger, MySQL, Ruby on Rails, Apache

April 16<sup>th</sup> 2007 to February 13<sup>th</sup> 2008:

[Global Technology Solutions](#) [Apptis DoD Contract - Linux Engineer]

355 East Ave.  
Bluffton (Hilton Head Island), SC 29910

Job Responsibilities:

- Egenera Bladeframe deployment for Apttis DoD contract
- Systems administration: Redhat Linux, VMware Server, Windows 2000 & 2003 Server
- Hardware and software installation, problem determination, patching, and configuration
- Bash shell scripting
- Egenera Bladeframe Linux Administration I & II Certification
- DoD Confidential Clearance

April 19<sup>th</sup> 2006 to April 16<sup>th</sup> 2007:

[MacAtomz Freelance IT Services](#) [IT Consulting]

1 Water Oak Dr.  
Hilton Head Island (Sea Pines Plantation), SC 29928

Job Responsibilities:

- Business technologies and strategy consulting
- Website design and hosting
- Systems administration: Mac OS X, Linux, VMware, Windows
- Hardware and software testing, benchmarking, problem determination, installation, patching, backup, and configuration

January 22<sup>nd</sup>, 2000 to April 19<sup>th</sup> 2006:

[IBM](#)

3039 Cornwallis Rd.  
RTP (Research Triangle Park), NC 27709

Job Titles:

IGS Mainframe Analyst [IGS z/OS Mainframe Administrator]  
e-Business Operations Webhosting [IGS Command Center Administrator]  
BladeCentre Hardware Engineer [IBM Server and Technology Division]

Job Responsibilities:

- Level 2, 1 and OSSA system administration for the IGS e-Business account infrastructure
- Call center support escalation resolution
- Automated trap handling [BMC, EPP, ASERT, PCPMM]
- New York Stock Exchange website manual monitoring
- Hardware and software problem determination, installation, patching, backup, virus removal and configuration
- BladeCentre hardware development testing
- Systems admin for various UNIX platforms along with Windows and Linux

Systems Supported:

z/OS, AIX, Solaris, HP-UX, Windows Server Family, Linux, AS/400, RS/6000, VMware [GSX & ESX]

Hardware Supported:

pSeries, xSeries, zSeries, SUN [UltraSparc Family & x86], HP [x86, PA-RISC, Itanium], Compaq [OpenVMS platforms & Proliant x86]

SAN Technologies Supported:

SCSI, Fibre Channel, SSA, SATA, iSCSI, LVM, RAID, Tape Archived Resource

Network Technologies Supported:

Cisco IOS & NIDS appliances, Nokia firewall, TCP/IP, FTP, SSH, Telnet, AD

Focus Accounts:

NYSE, FSG [Macy's.com, Bloomingdale's.com], IRS, GMAC, FEMA [Homeland Security], Victoria's Secrets, Tiffany's & SEARS

Server Room Access:

RTP Main Campus Bld 001, Cert Studio Bld 001 & C302 [Biometric & Essential badge access]

Reference:

Diana Box – NYSE Account Manager

April 19, 1999 to October 19, 1999:

TigerDirect

3347 Perimeter Park  
Morrisville, NC 27858

Job Title: Account Manager [Corporate Sales]

Account Management Skills:

- Concise communication skills
- Customer service skills for acquired hardware and software as well as consultation and direction on future solutions

Computer Skills Overview:

Administration:

Z/OS, S/390 administration [+6 yrs], UNIX/Linux administration [+10 yrs], Windows NT4,5,6 & Novell domain administration [+6 yrs], VMware [GSX, ESX, Workstation], Mac network administration, Outlook/Exchange user administration, wireless LAN administration, firewall configuration, NIDS configuration, RACF, ACF, Topsecret, ISPF, VMCF, CICS, JES, VPS, & SDSF

Languages:

XHTML, XML, DHTML, CSS, JavaScript, Actionscript, lingo and working knowledge of Java for the internet, Perl scripting, AppleScript, and Shell scripting.

Protocols/Communications:

TCP/IP, UDP, ICMP, FTP, NFS, IPX, AppleTalk, Samba, Telnet, SSH, X11, SSL, VNC, DNS, Sendmail

OS & Software:

OS/390 -Z/OS, Windows [NT4, 2000, 2003, Vista, XP Pro, CE, Server], CICS, SAP, Mac OS X, Mac OS X Server, RedHat, SuSE, LinuxPPC [Linux x86 & RISC], UNIX [AIX, Solaris, HP-UX, IRIX], BSD [OpenBSD, FreeBSD], DOS, Novell, IIS, Apache, NginX, Mongrel Cluster, Websphere, IBM http Server, Exchange, Active Directory, Citrix & Terminal Services, VMware, Norton Ghost, Partition Magic, Drive Image, Diskeeper, Active SMART, Systemworks, GoBack, Symantec & McAfee antivirus / virus removal tools, Veritas Backup, ArcServIT, SNORT, NMAP, DPU, OpenOffice, Quark X-press, Director, Freehand, Flash, Illustrator, PhotoShop, Premiere, Dreamweaver, Fireworks, & Final Cut Pro

Hardware:

Custom configuration from scratch with PC workstation, blade server, cluster, mainframe and other server platforms [CISC & RISC], SCSI/Fibre Channel SAN/NAS, RAID,

firewall/router/IDS, flatbed and slide scanners, digital cameras, linear/nonlinear video editing equipment, printers & plotters

#### Security:

Cisco PIX – IOS - Firewall and NIDS internet appliances  
Cisco ASA Firewall / VPN  
Nokia firewall appliances  
SNORT on Linux and BSD (Mac OS X)  
NMAP port scanner  
Windows server & workstation hardening  
Automated security alert handling (ASERT- IBM ebiz Ops)  
RACF Administration (IBM IGS Mainframe Analyst)  
Topsecret Administration (IBM IGS Mainframe Analyst)  
AFC2 Administration (IBM IGS Mainframe Analyst)  
Pentagon Systems Testing (IBM Server and Technology)  
FEMA Systems Admin (IBM IGS ebiz Ops – secret clearance)  
IRS Systems Admin (IBM IGS ebiz Ops – secret clearance)  
DoD USAF MHS Systems Admin (Apptis Contract – confidential clearance)

#### Virtualization:

LPAR Administration – z/VM, z/OS, AIX  
VPAR Administration – HP-UX (PA-RISC, Itanium)  
VMware Administration – ESX, GSX, Workstation (Linux & Windows)  
Xen Administration  
VirtualPC & Hyper-V Administration - (x86 & PPC)  
Solaris Admin - Containers / Zones on ZFS

#### Private Endeavors:

- Recognized expert in the Open Source community and [LinuxDNA.com](http://LinuxDNA.com) Project Founder – pioneering a high performance kernel source for Linux with support for the Intel Linux Compiler:

Linux.com (Linux Foundation):

<http://www.linux.com/news/software/linux-kernel/23770-compiler-project-aims-to-help-enterprise-it>

Linux Journal Magazine:

<http://www.linuxjournal.com/content/linuxdna-supercharges-linux-intel-cc-compiler>

Slashdot:

<http://linux.slashdot.org/article.pl?sid=09/02/26/2216241>

Hak5.org:

<http://www.youtube.com/watch?v=EexflA75B7A>

- 10 plus years custom workstation and server configuration for enterprise, SOHO, and individuals
- Specialization in CAD and DCC workstation configurations – Linux, IRIX, Windows, & Mac OS X

- Specialization in stock trader workstation configuration with multi-display support
- Hardware and software configurations from scratch in both x86 & RISC platforms
- Linux installation & configuration on certified hardware for SuSE, Red Hat, & Turbo Linux
- Linux Administration on a broad range of software distributions and hardware platforms: Gentoo, Redhat, SuSE, Turbo Linux, Debian, Ubuntu, & YDL
- Linux optimizations including scratch kernel compilation, filesystem optimization, applications configuration & network optimization
- SOHO network configuration and security
- Website design and web hosting
- Linux solutions since 1997