**W.A. Hawke Robinson**

http://www.hawkenterprising.com
hawke@hawkenterprising.com

Last updated: 2013-06-09

RPG Research
1312 N. Monroe Suite #114
Spokane, WA, 99201
Phone: (509) 252-0800

**Overview**

Involvement in alternative therapies for various populations using therapeutic recreation, music therapy, and other therapeutic modalities.

Currently enrolled as a senior at Eastern Washington University working towards an interdisciplinary degree in recreation therapy, music, and psychology research, with the intention to continue onward to at least a masters degree, and preferably a doctorate.

Extensive training and experience in leadership and hands-on technical work in the computer sciences and information technology industries.

Worked with computer technology systems since 1979. Began programming in 1981 at age 11. Initially interested in computer graphics and animation, but often created accounting and inventory software for small businesses (through family friends). Continued programming on and off over the years in many languages, as well as lead  a number of development teams in all aspects of software design, development, implementation, and maintenance.

Related to recreation therapy, I began training in the martial arts in 1974, and have continued to train in many styles on-and-off over the years, including; Aikido, Kung Fu (4 styles), Judo, Karate, and T'ai Chi.

In the late 1980's worked in the various aspects of the automotive industry, wrapping that career up in the mid-1990's as a multiple-certified ASE (Automotive Service Excellence) automotive instructor for the American Automotive Institute.

Overlapping that time period, began working as a security guard for various apartment complexes, and later expanded into business properties and personal security services. Also  security manager at a number of locations.

During 1989 through 1990 worked in a number of medical and therapeutic fields including Certified Nurses Aide (CNA), Licensed Practicing Nurse Trainee (LPN), and Rehabilitation Therapist for people with disabilities.

Also worked as a professional photographer from 1991 through 1995..

In 1995 focused on a career in computer science, information technology, and information security, building on  previous experience. Quickly "rose through the ranks" from building custom PC's for a retail store, to Corporate Architect and eventually CIO and CTO. Later used the funds generated from those endeavors to build business ventures and work on various research and development projects, including VOW

(Virtual Office and Workplace), rural WISP (wireless Internet service provider), educational facilities, and other technology ventures.

In 2003 reached a stage in life that I had the opportunity to come home, retire, and focus on raising my children. During the intervening years have continued to develop skills in information technology, information security, albeit at a less meteoric pace, and more intensely in the recreation therapy, music, and research psychology fields as a part time student at EWU.

Worked as a volunteer, as a twice-weekly radio (and Internet simulcast) radio broadcaster from 2004 through Summer 2007. One show was music-focused "The Synthetic Zen Show", the other was a talk show focused on information technology and security known as "Tech Talk With Hawke".

Now very involved in the community and donating time as a volunteer to many endeavors, especially children and people with disabilities. Steadily developing the skills, experience, education, and certifications for a robust background in Therapeutic Recreation (aka Recreation Therapy), Music Therapy, and Research Psychology

A member of the Washington State Recreation Therapy Association since April 2013.

Adept at integrating and managing diverse environments, researching to make the most of each of their strengths, and mitigating their weaknesses. Very successful at "wearing many hats" as needed. Very apt at either learning the ins and outs of unknown or new technologies very quickly, or finding the right talented resources and comprehending how to best use those tools to best meet the business needs. This innate ability and diverse background has developed me into an excellent candidate for any management, executive or consulting opportunities that arise while being very competent with any hands-on, design, or project lead work as well.

Skilled at all levels of ability from low-level detailed technical issues such as network, hardware, servers, server software, applications, application design, software development, databases and data, security, user experience, Internet nuances, and e-commerce, to high-level or direct managerial issues such as vendor relations and contracts, staffing issues, financial issues, marketing, departmental interactions, business models, project plans, process implementation, legal considerations, and project. Ideal for any size project or environment, from sole-proprietor businesses to Fortune-listed enterprises or anything in between.

Lead teams from 1 to 20+ people directly. I have coordinated personnel and resources in multiple locations, including other states, countries, and timezones, including India and the United Kingdom. I have learned to work with various cultural differences and challenges to get the most efficient interaction and productivity from globally disbursed team units. I have been responsible for multi-million dollar budgets, and direct signatory in some positions.

Adept at being the communications bridge between technical and non-technical staff, including network administrators, security staff, government and law enforcement agents, software developers, webmasters, graphics artists, vendors & contractors, business managers, project managers, legal, marketing, accounting, and executive staff.

Can take the defined parameters of a stated goal or problem and synthesize the information with knowledge to achieve an implementable solution. If there is a "fire" large or small to be resolved, companies and individuals have come to me to solve them. I am an exceptional troubleshooter, security specialist, and systems auditor.

Believe in avoiding needlessly "reinventing the wheel" whenever possible. Using existing technologies or partnerships that are as close a fit as possible to meeting business requirements, and modifying the remaining differences as needed. I have proved time and again that when needed, Can build and create from the ground up any new technologies when there is not yet an existing technology to meet a specific business need.

Believe strongly in, and emphasize creating and complying with documented processes and methodologies to determine project scope, as well as remain within project scope and timeline without getting bogged down in "analysis paralysis". Create new, or work with existing, project development plans, timely deliverables, budget creation and compliance.

**EMPLOYMENT SUMMARY**

(Recreation, Music,Therapy, Medical, and related backgrounds underlined):
2006+ Founder & Lead Researcher – RPG Research www.rpgresearch.com
2011+ Founder – Spokane Music Therapy.com www.spokanemt.com
2006-2012 Volunteer, ASL & Deaf Community volunteer www.spokaneasl.com
2008+ Founder - Inland Empire Tolkien Society www.tolkienscholars.org
2008 Volunteer, Hippo-therapy "Side Walker", Free Rein Therapeutic Riding.
2007 Volunteer, Recreation activity – Northeast Youth Center.
2009+ Founder, Organizer – Tolkien Moot convention www.tolkienmoot.org
2007+ Founder, Editor, Publisher – Other Minds Magazine www.omzine.org
2006 Volunteer Camp Counselor – Campfire USA Camp Dart-lo.
2008+ Founder & Host – Middle-earth Talk Show www.middle-earthtalk.com
2006+ Founder – Middle-earth Radio www.middle-earthradio.com
2002-2010 Consultant (Technology & Security) & NDA clients hawkenterprising.com
2010-2012 Network & Systems Eng. – Interlink Advantage interlinkadvantage.com
2008 Sales Engineer (Information Security) – TriGeo Networks Inc. www.trigeo.com
2007 Consultant, Mac OS X & Server – Clemens Mechanical.
2007 Consultant, Security Auditor – Steelhead Specialty Minerals.
2006 Software Developer & DBA, InfocoUSA.
2004-2007 Advisor, Admin, Developer, Webmaster – KYRS FM Radio www.kyrs.org
2006-2007 Technology Talk Show Host – KYRS FM Radio.
2006-2007 Admin, Developer, Webmaster – MerpCon convention www.merpcon.com
1996-2008 Admin, Developer, DBA  – Alpentech Inc. www.alpentech.net
2000-2005 Admin, Developer, DBA – Colorificsigns Inc.
2002-2003 President, CIO/CTO – MaladNet Internet Services.
2003 Consultant - Security, Systems, & Network – Axxess.net www.axxess.net
2003 Consultant – Veridex www.veridex.us
2002-2003 Consultant – Hess Lumber www.malad.com/community/hesslumber.htm
2003 Consultant – Hess Pumice www.hesspumice.com
2002 Systems Auditor & Analyst – Devon Energy Corp.  www.dvn.com
2002 Administrator, Developer, DBA – Malad Football www.maladfootball.com
2002-2003 Technical Instructor – The Computer Schools www.thecomputerschools.com
2003 Instructor & guest Speaker Davis Applied Technical College.

2002 Admin, Developer, DBA - Platinum Financial www.pfmortgages.com
2002 Systems Support Technician - Valley Insurance.
2002 Admin, Developer, DBA – Creative Earth www.creativearthonline.com
2000-2002 Chief Technology & Security Officer – MightyWords Inc.
2000 Systems Architect and Analyst – Franklin Covey Online Learning Division.
2000 Technical Analyst – Internet Shopping Network www.isn.com
2000 Systems & Data Architect – Internet Shopping Network.
2000 Corporate Systems & Components Architect – Franklin Covey.
2000 Director of Operations for Corporate e-commerce – Franklin Covey.
1999 Head Systems Admin for Corporate e-commerce – Franklin Covey.
1999 Systems, InfoSec & Applications Admin for Corporate e-commerce – FC.
1999 Network, Systems, Websites and Security Admin & Dev  – ITI www.itiweb.com
1998 Client Solutions Implementation & Admin & Java Dev – ITI www.itiweb.com
1998 Chief Information Office (CIO), PC Easy.
1997 Network and Systems Administrator – Comspec Corporation.
1997 Junior Developer, Java & Visual Basic – SoftDocs Inc.
1996-1997 Head Systems & Networks Technician & java Developer – PC Easy.
1996 Systems and Network Administrator – Utah Career College / Bryman Schools.
1996 Instructor, American Automotive Institute, ASE certified Technician (x4).
1995-1996 Assistant Network Administrator – Teltrust.
1993-1995 Security Manager and Systems Administrator – Laurelwood Properties.
1992-1993 Security Manager and Systems Administrator – Villa Franche.
1990-1991 Certified Nurses Aide (CNA) & LPN Trainee, Doxie Hatch Medical Center.
1990-1991 Rehabilitation Therapist, Hillcrest Care Center.
1990 Automotive Technician, 4x ASE Certified, Auto Care Clinic.
1989-1990 Automotive Technician, Precision Tune.
1988-1990 Security and computer systems support – Brittainny Apartments.
1979, 1983-1987 Surveyor, mining, & construction crewman – Lost Packer Mining Co.
1979 Elderly Care Volunteer, Saint Joseph's Villa.


## PUBLICATIONS, EVENTS, EDUCATION, TRAINING, & CERTIFICATION

Education, Certification & Certification Training
Eastern Washington University (2004-Current) (GPA 3.7), Interdisciplinary Bachelors
degree in Recreation Therapy, Music, and Research Psychology (in progress), planing
for Masters and Doctoral programs as well.

Associates Degree in Computer Sciences. Certified Careers Institute (GPA 4.0).
SANS Institute Certified Incident Handler - SANS GCIH – Security & Incident Handling
Certification from SANS Institute.

Thesis on virtual private networking technologies and Microsoft's VPN
vulnerabilities is published in MS Word format online at the SANS/GIAC
Institute at: www.giac.org/practical/Hawke_Robinson_GCIH.zip

MCSE - Microsoft Certified Systems Engineer

MCP+I – Microsoft Certified Professional + Internet

CNA - Certified Netware Administrator

ASE - Automotive Service Excellence Certified in Computer & Electrical Systems

PT5STCMAT – Precision Tune Five Star Certified Master Auto Technician (specialties in automotive computers, engine performance & electrical systems)

Advanced certification training and real world experience related to the following certifications:

NCLE – Novell Certfied Linux Engineer
CNI – Certified Novell Instructor
SCSA – Sun Certified Solaris Administrator
SCJP – Sun Certified Programmer for Java 2

**Additional Technical Training**
SilverStream development and administration 1.x, 2x, 3x, BroadVision performance tuning, architecture, design, development and administration 2.x, 3.x, 4.x, & 5.x, Java Programmer 1x & 2, Jini, ACS (Arsdigita Community System) 3x & 4x TCL & Java, XML,  Oracle 8i Application development,Oracle 8i Installation, Configuration, and Administration, Oracle 9 Application Development, Oracle 9 Installation, Configuration, and Administration

**Languages (& Cultures) Training**
English (primary language).
Hebrew – Currently learning through self-instruction.
Chinese – Cantonese & Mandarin 1991-1993 (private instructors). East Asian History course through Eastern Washington University – 2004.
American Sign Language Summer 2006 and 2007 (Eastern Washington University).
Spanish: 1983-1986 (through school).
Russian: 1986-1987 (through school),1994-1995 (through private instructor).
Japanese: 1989-1991 (private instructor).
Finnish – 1994 (self instruction - tapes & books).

Kung Fu & Aikido training on and off since 1974, and continuing intermittently.

**Leadership, Management and Miscellaneous Training**
Landmark Education Forum and Forum in Action Seminar Series (1994 and 2007).
Eastern Washington University Therapeutic Recreation program 2004-2007.
Eastern Washington University Music program 2004-2007.
Franklin Covey - Project Management (extends "What Matters Most" & "Seven Habits")1999-2000).
CCI Computer Science program.
SLCC Graphics Design & Photography 1991-1992.
SLCC Automotive Technician Program 1988-1989.
IEEE – Institute of Electrical & Electronics Engineers
PMI – Project Management International

**REFERENCES**

Excellent references provided upon request.

**ACCOMPLISHMENTS OF NOTE**
- Published by the SANS Institute
- Personally hand built over 10,000 systems
- Supervised teams of technicians building more than 50,000 systems
- Managed budget of over $10,000,000 USD annually.
- Directly supervised up to 20 employees.
- Supervised through hierarchy up to 50 employees
- Corporate Systems & Components Architect for environment with 4,000+ nodes
- Organized recreational events and conventions since 1984.
- Active in Deaf and other community groups in the Spokane, WA, area.


**EMPLOYMENT DETAILS**

RPG Research
Research Lead & Founder
Spokane, WA, US
January 2004 to Current.
www.rpgresearch.com

Research project lead for psychology and recreation therapy studies on the therapeutic and education aspects of role-playing games in various forms. Attempting to establish the causal relationship between participation in these activities and potential therapeutic use of this recreational activity as an intervention technique for various populations.


TriGeo Networks Inc.
Sales Engineer
Post Falls, ID, US
February 2008 to March 2008

Sales Engineer for information security specialty company. Most information under NDA.


Spokane Music Therapy User Group
Facilitator
Spokane, WA, US
2011 to Current.
www.spokanemt.com

Monthly study group on the science of music therapy and related disciplines.

Spokane ASL
Deaf Community Volunteer
Spokane, WA, US. & Cheney, WA, US.
2006-2012
www.spokaneasl.com

Volunteer & Systems Administrator for Eastern Washington Center for the Deaf and Hard of Hearing (EWCDHH).
Activity volunteer for Eastern Washington Center for Deaf and Hard of Hearing.
Event activities included monthly meetings at "Deaf Coffee Chat", annual Signing with Santa, Signing Halloween, Deaf Thanksgiving Dinner, and weekly meetings of the Spokane American Sign Language Study Group

Eä Tolkien Society
Founder & Facilitator
Spokane, WA, US
2009 to Current
www.tolkienscholars.org

Monthly community discussion group on the works of J.R.R. Tolkien and related works and authors. An official smial of the U.K. Tolkien Society.

Tolkien Moot International Convention
Founder
Spokane, WA, US
2010 to Current

Annual convention for fans of J.R.R. Tolkien and related works, focusing on scholarly discussions and role-playing gaming in Middle-earth.

Middle-earth Talk Show
Founder & Co-host
Spokane, WA, US (and online)
2008 to current
www.middle-earthtalk.com

Semi-regular talk show discussing various aspects of J.R.R. Tolkien and his works, popular culture, and other topics, with co-host author Michael Martinez.

Northeast Youth Center
Student Volunteer through EWU
Hillyard, WA, US
Spring, 2007

Fantastic Fun For All - Extreme Medieval Sports theme

Middle-earth Radio
Founder & DJ
Spokane, WA, US (and online)
2006 to current
www.middle-earthradio.com

24 hour streaming of Tolkien-inspired music and talk submitted by musical and audio artists.


Campfire USA, Camp Dart-lo
Camp Counselor, Activity Specialist, and Archery Instructor
Spokane, WA, US
Summer 2006
http://www.campfireinc.org/ourprograms/camps/dartlo/

Youth counselor, arts and crafts activities instructor, and certified archery instructor.


Interlink Advantage
Network & Systems Engineer – Interlink Advantage (2010-2012)
Spokane, WA, US
2010-2012
www.interlinkadvantage.com

Networking, systems, sales, consulting, project management, and many other services provided as part time, and as-needed, consultant and service provider.
NDA (Non-Disclosure Agreement) and non-NDA clients not listed elsewhere
2002-2010
　　　Auditing, InfoSec "Red Team" and other security testing methods, information security audits, systems and network performance audits, eCommerce, Open Source products, Web servers, database servers, networking, firewalls, provide training, establish policies and procedures with documentation and training for technical staff, core infrastructure builds from ground up, and transitional migrations of small and enterprise size networks and systems. Implement procedures and technology for compliance with government and corporate mandates.
　　　Recently (2004-2005) used technologies for these clients included:
　　　　　Linux ( Redhat Enterprise, Suse, Gentoo), OpenBSd 3.x, Mac OSX
　　　　　Solaris 7/8/9/10, Windows 3x/Wfwg/NT/2000/XP/CE/PPC, Web servers (Apache 1x & 2x, Tux), Community/portal servers (geeklog, phpnuke, postnuke), Application Servers ( Zope & Redhat Interchange eCommerce), Database Servers (Oracle 8x/9x, MySQL, PostGreSQL), Java 2, PHP, Perl, C, Python, Netbeans / Forte, rsync, ntpd, sshd, vsftpd, snmpd, daemontools,  bind / dns, smtp & pop3, qmail, postfix, qmailadmin, ezmlm/ezmlm-idx, vpopmail, vqadmin, spamassassin, qmail-scanner, rbls and many various uce /spam reduction measures, Antivirus (ClamAV, Symantec, McAfee, AVG, qmail-scanner), Cisco DSL, T1 & 802.11a/b "wifi" enterprise equipment & software,Nagios & MRTG, Hughes Networks Satellite Internet business services (stationary). VoIP over "wifi".  IRC Servers & Services ( hybrid, hybserv, eggdrop, mirc, xchat), iptables & pf, Wells Fargo Merchant Services, Verisign merchant services, Pfpro ( Payflow Pro ),Open Office, Nmap, nessus, snort, airsnort, kismet, netstumbler, ethereal, etherape, tripwire, and scores of other InfoSec tools.

Kung fu For Life
Assistant Instructor
Webmaster
Systems/network Administrator
www.spokanekungfu.com
2004 to 2009
Student and assistant instructor for youth and adult groups in Kungfu and related martial arts instruction.


Spokane JUG (Java User Group)
Founder, Administrator
January 2008 to 2011
www.spokanejug.com

Monthly user group discussing Java development and related topics.


Spokane 2600
Founder, Webmaster
September 2007 to 2011
Monthly user group discussing information security, information technology, alternative uses of technology, and other related topics.


Spokane ASL (American Sign Language)
Founder, Webmaster,
www.spokaneasl.com
2006 to 2012
Monthly study group for American Sign Language users, included Deaf, Hard of hearing, and hearing participants.


Spokane Chinese
Founder, Webmaster
www.spokanechinese.com
September 2007 to 2009
Monthly study group to practice Mandarin Chinese.


Other Minds Magazine
Founder, Publisher, Co-editor
2006 to current
www.othermindsmagazine.com
November 2006 to 2011


An international scholarly quarterly publication on J.R.R. Tolkien and his works. Offered primarily as a download from the website in PDF format with limited print runs available. Setup and administrate full content management and workflow system using Zope / Plone. Also collaboration enabled through forums, wiki, and email lists. Contributions submitted from participants world-wide, with staff review and editing. Focused on using "open" technologies for layout, pre-press and distribution.

MerpCon Convention
Founder, Event Organizer, Webmaster, Administrator.
2005 to 2009 (now Tolkien Moot)

An annual international event dedicated to fans of J.R.R. Tolkien.


TriGeo Networks Inc.
Sales Engineer
Post Falls, ID, US
February 2008 to March 2008

Company provided extensive Security Information Management solution. I was trained to act as "bridge" between sales staff and engineering department for prospective clients. Created internal web-based workflow-enabled content management system. Extensive research on competitors and competing products related to SIM (aka SEIM, SIEM, SEM, Security Information Management) technologies.


Clemens Mechanical
Systems & Network Consultant Through CompUSA / OnForce.com – Mac OS
October/November 2007

Completely convert entire company infrastructure from Windows-based to Mac OSX based.


Steelhead Specialty Minerals
Systems & Network Consultant Through CompUSA / Onforce.com
August to October 2007

Perform systems performance and security audit on Windows XP based infrastructure.


Administrator/Developer/DBA/Support Technician
Dev 2 Dev Portal LLC Client
December 1996 – 2008
Alpentech Inc.
2871 South 2870 East
Salt Lake City, Utah, 84109
Beat VonAllmen (Owner)
www.alpentech.net



Setup and administrate website and e-commerce shopping cart system for client using Apache, ACS (Arsdigita Community System), MySQL, PostgreSQL, Oracle 8.17, Redhat Interchange, Java, PERL, HTML, SQL & PLSQL, PhpNuke, PostNuke, & Zope.
Worked with Wells Fargo Bank Merchant Services division to setup and deliver "real-time" credit card authorization and full featured shopping cart and CRM.
Alpentech Inc. designs mountain resorts around the world including: Park City, Snowbird, Alta, Brighton, Solitude, Snow Basin, and many others. Alpentech also sells maps and posters, and now sells online to consumers, dealers, and special partners via this newly enriched site.

Note: I have provided various technical services and support for this client since 1996 when he first became a PC Easy customer, and he has insisted on my help ever since, he has tried others to help him when I'm not available, but he always opts for me when I'm available.

Providing hosting services for DNS, SMTP, POP, SSL, Redhat Interchange, Apache, Wells Fargo & Verisign Merchant services, real time credit card authorization and other related services.

Technology Consultant, Systems & Network Administrator, Webmaster
2004-2007
KYRS Thin Air Radio
35 W. Main St. Suite 340E
Spokane, WA, 99201
Lupito Flores
www.kyrs.org



Volunteer technology consultant and administrator for network, systems, website and email. Internet streaming provider as well. Windows XP, Mac OSX, FreeBSD 4.x, and Suse Linux. Geeklog, Zope & Plone web/application servers, Qmail, Ezmlm, Squirrelmail.

Administrator/Developer/DBA/Support Technician
Independent Contractor
August 1995 – (2005)
Color Signs & Graphics
(Formerly Colorificsigns LLC formerly Colortops)
2885 West 1000 North
Malad City, Idaho, 83252
Kent Christen (Owner)
www.colorsignsandgraphics.com



Setup and administrate website and e-commerce shopping cart system for client using Apache, ACS (Arsdigita Community System), MySQL, PostgreSQL, Oracle 8.17, Redhat Interchange, Java, PERL, HTML, SQL & PLSQL, PhpNuke, PostNuke, Zope.

Setup multiple custom payment options (purchase orders, automatic billed accounts, etc).  Colorificsigns LLC creates and distributes banners, "toppers", and custom signs for retail outlets, convenience stores and gas stations all over the US. Some clients include: Flying J, Holiday Oil, Western Union, and many others.

The new site enables clients to make complete catalog orders online with a wide variety of pricing structures (bulk, special partner discounts, etc).

Providing hosting services for DNS, SMTP, POP, SSL, Redhat Interchange, Apache, and related services.

NEKKID Radio Internet Radio
Technology Consultant
March 2004 - September 2004
www.nekkidradio.com
Santiago, Chile and multinational (remote access)

Provided consultation services, audits, hosting solutions and implementations for NR's interactive Internet Broadcasting services.
Technologies used included:
Real Broadcaster, Winamp SimpleCaster, SAM2 Broadcaster, Apache 1x & 2x, MySQL, Phpnuke, Zope

Security, Systems, Wireless & Wired Network Consulting
Dev 2 Dev Portal LLC Client
August 2003 – January 2004
Axxess.net www.axxess.net
Idaho

Audited and verified systems compromise of Linux and windows servers. Completely overhauled entire ISP's infrastructure at Idaho Falls location. Replaced all servers with OpenBSD and full hardening. Setup monitoring, graphing, and alert systems. Setup IDS (Intrusion Detection Systems) using various opensource applications.
Services setup/overhauled included: DNS, SMTP, POP3, Qmail, IMAP, LDAP, SSH, SSL, HTTP/HTTPS, FTP, SFTP, spam filtering, nat, routing, firewall, etc.
Products included (just a brief overview): Apache, postfix, spamassassin, tripwire, pf, mrtg, OpenBSD & RedHat, Visio Enterprise, Kivio, OpenOffice.
900 Mhz wireless.

Instructor and Guest Speaker
Davis Applied Technology College
September 2003
http://www.batc.tec.ut.us/
550 East 300 South
Kaysville, UT 84037
Phone: (801) 546-2441
Previously Logan, Utah

Invited (out of the blue, by referrals from others) as a guest speaker for several hours in duration, lecture on Redhat, Linux, & Open source versus Windows 2000 & XP, and the pros and cons of open source vs. closed source approaches, products, and Information Security.

Veridex
Consultant
May 2003 – September 2003
www.veridex.us
Michigan, Oregon, & Idaho

Consultant and offered CTO position (I declined) to completely scope out, architect and design, and build working prototype from scratch. Community-centric portal using forums, score rankings, voting logic, and other complex implementations to provide scoring for the integrity of publicly traded companies.

 Technologies used included:
 Java, PHP, and Python programming
 Apache, SSL, MySQL, SMTP, POP3, LDAP, Qmail and MRTG.
 PHPNuke, PostNuke, Zope, Redhat Interchange
 Visio Enterprise, Kivio, OpenOffice.


MaladNet Wireless Broadband and Internet Services
Dev 2 Dev Portal LLC Business Division
July 2002 – September 2003
Malad, Idaho

Provided broadband wireless Internet services to entire valley in 8 mile by 12 mile coverage area. Provided services to home users, businesses, government, and medical facilities. Provided up to T1 service to each location. Full traffic usage tracking and reporting, filtered content and email upon request, bandwidth shaping, fail-over connections, website hosting and design, support services. Trained multiple installation and support technicians. Supported nearly 100 users at peak with reliable high speed access.

 Technologies used included:
 Java, PHP, Python, and Perl programming
 MySQL and PostGreSQL databases
 Novell eDirectory, , Apache, SSL, MRTG, SNMP, SMTP, POP3, Qmail, Tripwire, iptables, pf, etherreal, etherape, various other IDS technologies (not disclosed), CuSeeMe client and reflectors for full audio/video conferencing with full duplex multi-user simultaneous meetings, PPTP and IPSec VPNs, PostNuke, PHPNuke, Zope, Jserv, Tomcat
 RADIUS, LEAP, 802.1x, MAC and IP access control
 Servers: Linux Redhat, Debian Linux, OpenBSD, Trusted Solaris 6 & 7.
 Supported user platforms: Windows 3.x/9x/Me/NT/w2k/XP, Mac OS 8x/9x/Xx, Linux (several distros), Solaris 6/7/8/9
 802.11b & g and 802.11a 2.4 ghz and 5 ghz wireless.
 Cisco Aironet Aps and bridges (3x0 and 1x00 series), 3Com, Intel, D-link, Hyperlink, Fab-corp, Linksys, and many other wireless companies' technologies for clients, bridges, and Aps.
 Amplifiers, high gain antennae (sector, omni, pad, and parabolic), LMR 400 and 240 custom coax and fittings.
 Completely self supported solar powered tower systems providing connectivity, relay/repeater, and full monitoring of voltage, temperature, traffic, and physical intrusion detection and motion activated video all on solar powered/battery operated system on mountainside.
 Temperature/climate controlled units designed and modified to withstand winters with several feet of snow and temperatures below -20f and summers over +112f (shade) and over 140f (radiant).

Consultant, Systems and network support technician
Dev 2 Dev Portal LLC Client
Hess Lumber March 2002 - December 2003
http://www.malad.com/community/hesslumber.htm
Idaho

Provided technical support for tcp/ip network, ISP services, and Windows XP systems.


Consultant for networking, systems, security, and wireless advising and training
Dev 2 Dev Portal LLC Client
Hess Pumice
www.hesspumice.com
August – December 2003

Provided training, design, and general consultation in their efforts to upgrade and
overhaul their network and systems, as well as an initiative to provide wireless
broadband to their employees over several miles distances on point to point basis.
        Complete overhaul/upgrade of systems from NT/w2k based network to
standardize on OpenBSD, Linux, and Windows NT.
        Security audit and advising on security best practices, policies, and technologies.
        Technologies covered included:
        Windows NT, W2k, XP, OpenBSD, Mac, & Linux
        IIS, Apache, PHPNuke, PostNuke, Zope, OWA
        MS Exchange, Postfix, Sendmail, Qmail
        Visio Enterprise, Kivio, OpenOffice.
        802.11b/g and 802.11a training provision and security best practicies.
        IPSec VPNs and hardware/vendor VPNs (Cisco).
        Cisco 3x0 and 1x00 Aps and Bridges.
        Various IDS technologies (not disclosed)


Oneida County Hospital
Technology Consultant & Internet Service Provider
150 N. 200 W.
Malad City, Idaho, 83252
2003-2013
http://www.oneidacountyhospital.com/

Provided broadband wireless services to help improve implementation of their imaging
systems link with other hospitals and facilities. Help as consultant in conjunction with
their systems administrator to rectify internal LAN/WAN issues beyond the scope of the
hospitals administrator skills, and DNS services until 2013.

Instructor & Systems Administrator
Dev 2 Dev Portal LLC Business Division
April 2002 – June 2003
The Computer Schools
Malad, Idaho, 83252
www.thecomputerschools.com

        Provide technical instructional services to local adult students.

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Provide technical support, systems administration, website design, hosting, administration, email services, and more.


Administrator/Developer/DBA
Dev 2 Dev Portal LLC Client
April 2002 - August 2002
Platinum Mortgage Group
Salt Lake City, Utah, 84109
Karl Christen (Employee)
www.pfmortgages.com

Setup and administered dynamic template driven website using Apache, Postnuke Server, Redhat 7.2, Solaris 7, MySQL, Java, PERL, HTML, PHP, & SQL.
        Helped client register domain, setup website, dns, email server, accounts, template driven website that client can handle their own content updates.
        Worked with client to created complex mortgage calculation and tracking system.
        Developed dynamic intranet for employees.
        Completed version of site will launch sometime in October 2002.


Administrator & Support Technician
Dev 2 Dev Portal LLC Client
April 2002 to March 2003
Valley Insurance Inc.
60a Bannock St.
Malad, Idaho, 83252
208-766-4700

Provided simple systems administration and support for their small 3 windows 98 systems network.


Technology Consultant & Internet Service Provider
Oneida County Hospital
2003.
150 N. 200 W.
Malad City, Idaho, 83252
http://www.oneidacountyhospital.com/
        Provided broadband wireless services to help improve implementation of their imaging systems link with other hospitals and facilities. Help as consultant in conjunction with their systems administrator to rectify internal LAN/WAN issues beyond the scope of the hospitals administrator skills.

Auditor/Analyst
Dev 2 Dev Portal LLC Client
August 2002 to December 2002
Devon Energy Corporation
Oklahoma, Texas, Wyoming, & Canada
Supervisor: Stephen Taylor (Now At Chesapeake Energy)
www.dvn.com

Devon Energy is a very large multinational energy and oil company. The project was titled "Data Services Division Performance Audit and Recommendations". I gathered extensive data and performed in depth research on Solaris, Windows and related application servers to optimize systems for maximum performance, security, and reliability. Audited, researched, and produced recommendations on over 160 servers in three states and two countries. Testing and production implementations covered:
* Solaris 6,7,& 8.
* Windows NT Server
* Windows 2000 Server
* IIS web server
* Apache web server
* ESSBASE
* Brio
* PEEP
* Oracle 8 & 9
* MS SQL Server 2000
* LDAPIPlanet 5x


Administrator/Developer/DBA
Dev 2 Dev Portal LLC Client
May to June 2002
Malad Football Booster Club
Malad, Idaho, 83252
www.maladfootball.com


Setup and administrate website and online catalog system for client using Apache, Postnuke PHP Server, MySQL, Redhat Interchange, Solaris 8, Java 2, PERL, HTML, & SQL.
        Worked with client to create completely template driven version of site that client could update themselves, rather than being dependent upon technical and development personnel to simply update site content.


Administrator/Developer/DBA
Dev 2 Dev Portal LLC Client
April 2002 to August 2002
Creative Earth LLC
www.creativearthonline.com/ (new site launch pending)
Malad, Idaho, 83252
Neil Martin (Owner)

Setup and administrate website and e-commerce shopping cart system for client using Apache, Postnuke PHP Server, MySQL, Redhat Interchange, Solaris 8, Java 2, PERL, HTML, & SQL.

Worked with client to create completely template driven new version of site that client could update themselves, rather than being dependent upon technical and development personnel to simply update site content.

New templated version of site lanched June 2002. Current version is very poor static html site. Creative Earth Herb & Perennial Farm L.L.C. is a small, family owned and operated, wholesale/retail botanical farm located in Southeastern Idaho.

Chief Technology & Security Officer (CTO & CSO)
September 2000 – February 2002
MightyWords Inc.
(A division "spin-off" from Fatbrain, a subsidiary of Barnes & Noble)
Santa Clara, California
www.mightywords.com

Personally implemented complete V.O.W. (Virtual Office & Workplace) including VPN, audio & video conferencing, application sharing, and later handed off to Operation Team when those positions were finally filled.

Built entire technical infrastructure (servers, network, workstations, printers, firewalls, Internet connectivity, email, software, etc) from scratch. Successfully implemented complete wireless ("secured") LAN and wireless mobile user ("road warrior") infrastructure keeping our sales, technical and executive staff well connected, with up to date information, and easy, constant access to resources.

As CTO, created from the ground up an entire Technical Department. Department size averaged around 15 regular employees plus 10-20 outsourced, offshore, and contracted personnel as needed. Direct reports included: interim Development Director, Project Manager, Technical Operations Director, Support Manager, Data manager, Security Manager, Research & Development, Technical Writers, Java Developers, DBAs, Systems & Network Administrators, QA Engineering, UI, and Security Administrators. Took over as Development Director in addition to maintaining CTO position, after previous Director left company (due to H1b complications). Managed the creation, development and successful deployment of an industry revolutionary DRM (Digital Rights Management) client and server technology. This technology is becoming the preferred DRM for Barnes & Noble .com, Fatbrain, Sparks Notes, iUniverse and many others to supplement and even replace Adobe & Microsoft's DRM technologies. Implemented complete site integration with partner sites including (but not limited to): Barnes & Noble, Fatbrain, Lightning Source / Amazon, Internet.com, DevX.

Was key part of leading development team to create an industry revolutionizing DRM technology, that became in demand by Barnes & Noble (.com) family companies, Fatbrain, & Microsoft publishing (to name just a few), because of it's superior flexibility and low customer support ratio, compared to other leading (Adobe, Glassbook, MS) DRM technologies.

Managed team of developers and administrators running a content management, e-Commerce, and co-branding system handling over 50,000 DRM managed PDF documents for sale, 100,000+ supporting images, over 150 distribution partner sites & over 5,000 content providers.

Worked regularly with Barnes & Noble, Fatbrain, and other partners on many content management & ecommerce related projects.

Architected & administrated many "N-tier" environments on different scales as fit traffic and uptime requirements.

The experience listing below is not listed as keywords or "buzzwords", but indicate real world working experience. I designed, purchased, and configured the systems listed, as well as worked with contractors, and later transitioned them to other employees as I hired them to fill the pre-planned positions, all under budget, and ahead of project schedule.

Equipment, OS, & Software hands on design, installation, and administration included: Sun e220r (20+ systems),A1000 (4), D1000 (4), E450 (1), Ultra 10 (25+), Netscreen 10 VA Linux systems (20+), Cisco Catalyst 19xx series, Dell 1400 series servers, PPTP, IPSEC, Veritas, Cybersource, Solaris 7, Oracle 8.1.6 & 8.1.7, MySQL, Postgresql, ACS, (Arsdigita Community System & CMS), Aolserver, Tomcat 3, Apache, CVS, Bugzilla, MS SQL 2000, Exchange 2000 (Exchange/Outlook, IMAP, POP, SMTP), ADS, MS Windows 2000 Advanced Server, MS Project 2000 & MS Project 2000 Central Server, Redhat, Mandrake & VA Linux 6.2 through 7.2, Qmail, Ipchains, Poptop Server, SMB, Cupsd, Mixed user environment of Linux & Windows 2000 Pro desktops & laptops, CDPD (AT&T Wireless & Verizon Wireless), Ricochet services (until their demise), Optistreams & Hughes Satellite Internet Satellite services (1.8Mbps down, 90Kbps up completely landline free system), Spread spectrum wireless T1.

Instructor
Independent Contractor
September 3rd, 2000 to September 10th, 2000
Contract: Instructional Tour, sponsored by HotLabs (Hands On Training) & Novell.
www.hotlabs.org
www.novell.com
Provo, Utah

Course instructor for NDS 8 on Linux, Netware 5.1, Netware 5.1 Small Business Server, & TCP/IP.

Systems Architect and Technology Consultant
Independent Contractor
July 2000 to September 2000
Contract: Franklin Covey eCommerce, Planner, & Online Learning Divisions.
www.franklincovey.com
www.franklincovey.com/fclearning/
www.fclearningcenter.com/

Architect, design,  & assist in implementation of development, staging, QA, and production environments for eCommerce, online Planning, Online Training, Device Synchronization, colo & hosting providers, as well as other services.
Worked in key roles developing the Franklin Covey Online Training program.
Designed entire architecture & documentation for complete implementation plan, purchased & installed hardware and software, configured, documented, and detailed

ongoing maintenance and growth plans for project to complete after finishing my contract term. http://www.fclearningcenter.com/

Hardware included:e4500's, e420r's, e220r's, e450's, Ultra 10's, x86 multi cpu systems (for Linux), BigIP + SSL, Cabletron SSR2000, SSR8000, Nokia 650 VPN/Firewall, A1000 RAID arrays,  and many other components.

Software included: Solaris 2.7, Windows 2000 Server, Redhat 6.2, Allaire JRUN 3, Allaire ColdFusion 4.51 for NT, Coldfusion for Solaris, Oracle 8i, IIS, Apache, Visual Source Safe, Rational Clear Quest, qmail, ssl, Fusion one synchronization

Technology Solutions Corporation
Senior Principle Executive (Junior Vice President)
Salt Lake City, Utah
Chicago, IL
Atlanta, GA
San Francisco, CA
July 2000

Hired as "Senior Principle"(vice president in training) for technology consulting division. Worked from Salt Lake City, UT home remotely 80% of the time with maximum 20% travel per month to corporate offices elsewhere. Publicly traded company provided technology consulting services to Fortune 1000 and 500 clients. Released after 2 weeks due to failing background check from activities back in 1989 as a teenager, their HR department had not finished the check when they made the offer of employment, and the department did not feel their stock holders would tolerate a VP with such a background. Had accepted this position instead of offers from IBM and SBC/PacBell who had completed background checks before making offers and did not have any issues.

Internet Shopping Network
Systems Architect & Technology Consultant Independent Contractor
Irvine, CA, US.
July 2000
www.isn.com

Contracted for Home Shopping Network's Internet Shopping Network (isn.com) (c/o RE-Solutions Group)

Assist in finalizing implementation of moving entire live production BroadVision 2.5 server environment to new physical location from it's existing location of over 3 years, with minimal downtime (From Sunnyvale, CA area to Irvine, CA area).

Environment included e5000, e4500's, e4000's, e450's, 220r's & 420r's, Ultra5's.

Solaris 2.5.1 & 2.6

Oracle 7.3.4

BroadVision (highly customized bvconf executable, using no interaction managers) 2.5.1 & 2.6

A total of more than 50+ servers successfully moved before deadline and under budget.

Home Shopping Network's Internet Shopping Network (isn.com)
c/o RE-Solutions Group
Systems Architect and Technology Consultant
Independent Contractor
Mountain View, CA, US.
Contract: May 2000
www.isn.com

Troubleshoot analyze and suggest solutions for moving entire live production
BroadVision 2.5 shopping cart server environment to new physical location from it's
existing location of over 3 years, with minimal downtime (8 hour drive for equipment).
　　　　Environment included e4000's, e450's, 220r's & 440r's.
　　　　Solaris 2.5.1 & 2.6
　　　　Oracle 7.3.4
　　　　BroadVision (highly customized bvconf executable, using no interaction
managers) 2.5.1 & 2.6


Franklin Covey
Corporate Systems & Components Architect
Director of Operations for E-Commerce Division
Security Administrator for E-Commerce Division
Senior Systems Administrator for E-Commerce Division for Solaris, Linux, NT, W2k,
Netware, Oracle 8i, ColdFusion, & BroadVision
Salaried Employee
May 1999 – July 2000
(Electronic Solutions Division)
Salt Lake City, Utah
www.franklincovey.com
www.franklincovey.com/fclearning/
www.fclearningcenter.com/
www.franklinplanner.com

Propose, design, and create revolutionary uses of leading edge technology and/or
methodologies to be adopted throughout entire corporation.
Designed solutions for project business plans, including costs, security, reliability,
usability, and marketing.
Broadvision Server/Development Environment analysis, design, setup, maintain,
performance tuning, and work with dozens of team members using
Broadvision 4.x in both development and production environments.
Systems design, ordering, implementation and administration of Solaris, Linux, NT/2000
E-Commerce (& other services) servers and Oracle and MS
SQL Databases
QOS agreements with average uptime requirements of 99.5% to 99.95% uptime per
year for development environments and 99.995% uptime for
production sites, networks, & systems
Troubleshoot system and network LAN/WAN/Intranet issues.
Develop, implement, program, and maintain customer support procedures, apps,
systems & databases. Research, analyze, report, and recommend various technology
products.
Recent examples include: Netware 5.1, NDS 8, Netware Single Sign On, Solaris 8,
Coldfusion on NT/Linux/Solaris and conversion, Broadvision 4.0 & 4.1 connecting to

Oracle 8i, hosting facilities evaluation (Qwest, Intel, TelUS, USI, Abovenet, Xmission, Infomission, and others), Jini, online education programs at Sun and other sites, high capacity (1,000,000+ /day) email services and products, and more.

Research, recommend, design, test, implement, and administrate corporate-wide video conferencing solutions.  Research, recommend, design, test, and implement complete Virtual Office & Workplace (VOW) work at home solution. Research, recommend, design, test, and implement complete Wireless Internet solution in conjunction with VOW initiative.

Research, inspect, consult with various hosting companies across US & Canada, and recommend best providers dependent on project needs and business scope.

Create, follow, and enforce project methodologies, plans, and timelines.

Contribute to budget creation and conformance.

Used the following applications and operating systems regularly:

Broadvision 4.0 & 4.1, Solaris 2.6/7/8, Linux Redhat,   Windows NT Workstation/Server/Enterprise 4.0 and 2000, Windows 95, Windows 98, Windows CE, Pocket PC OS, Palm OS, IIS 4.0, MS SQL 6.5 and 7.0, Netscape Enterprise Web Server 3.x,  Apache Web Server 1.3.x, Oracle 7x/8x/8i, Solstice Suite, VNC, PPTP, Qmail, ezmlm, Raven, SSL, SSH, MS Project 98, Visio,  mySQL, jserv, EAS 3.0, Java JDK 1 & 2,  Symantec Café, IBM Visual Age (Linux), Sun Forte for Java (community edition), Star Office Suite, emacs, vi, and many, many others.


Head WAN/LAN Network Administrator
Head Systems Head Administrator
Security and Firewall Administrator
Webmaster/Programmer/Web-Designer/Database Administrator
Salaried Employee
Sybase and MS-SQL Database Administrator
Oracle Assistant DBA
June 1998-August 1999
ITI (Information Technology International)
965 East Murray-Holladay Rd.
Salt Lake City, Utah
(801) 268-8600
www.itiweb.com


Network administration, website development, Java programming, server and workstation support. Administer multi-site corporate email using Exchange and web-based OWA (Outlook Web Access) tools.  Using Java (JDK 1x & 2), created various useful network administration and monitoring applications (Intranet/Internet Level). Maintain client site networks (LAN's, WAN's, Intranets, & VPNs).   Redesign, overhaul, and maintain entire company's multi-state (Utah, New Mexico, & Arizona) networks. Troubleshoot system and network LAN/WAN/RAS/Intranet issues.  Develop, implement, program, and maintain customer support procedures, apps, systems & databases (using Java and/or Silverstream).  Elected as Administrator for Utah Silverstream User's Group.  Order, configure and help support ADSL, ISDN, and T1 lines for company and clients.

Mentored/trained various aspiring network technicians as interns.

Used the following applications and operating systems regularly:

SilverStream Application Server 1x & 2x, Sybase Adaptive Server,  Oracle Server 7.3 and 8 & 8i, Sybase SQL Anywhere,  JConnect (JDBC), ODBC connections, Solaris 2.51/2.6/2.7,  Linux Slackware/Redhat/Debian, FreeBSD,  Windows NT

Workstation/Server/Enterprise, Windows 95, IIS 4.0, MS SQL 6.5 and 7.0,  Netware 4.11 and Netware Web Server, Netware LDAP server,  Apache Web Server, Netscape Enterprise Web Server, PC Anywhere, VNC, Symantec Café, jBuilder.


PC Easy Computers & Services
Chief Information Officer
Director of Technical Operations
Lead Technician & Administrator
Lead Developer (Java)
Oracle & MS-SQL Database Administrator
Salt Lake City, Utah
January 1998-June 1998


Company Project(s) Manager (included up to multi-million dollar projects design). Design, implement, and maintain many remote clients' networks (LAN/WAN/RAS/VPN/Intranet/Extranet).  Order, configure, and assist support of ADSL and ISDN lines for clients.  Increased system custom build productivity from 5-8 systems per tech, per day, to 20-40 systems per tech, per day.  Troubleshoot system and network LAN/WAN/Intranet issues.  Develop, implement, program, and maintain customer support procedures, apps, system & databases using VB & Access, PERL, and Java.
Larger clients included: Salt Lake City Corporation, Salt Lake Gateway Project, University of Utah (various educational and research departments), Certified Careers Institute, JH & Assoc. Engineering, various medical offices, various educational facilities various law firms, various smaller government agencies.
Responsibilities included hiring, releasing, training, and managing as many as 12 employees at a time (mostly technical personnel, and some sales reps).  Creating and complying to technical budget.  Acquiring, and fulfilling client contracts, creating and growing market reach.  Creating documented system build process, support process/escalation methods, purchasing/inventory processing, employee training and certification programs, instructional courses (technical, up to 20 students).


Comspec Corporation  & SoftDocs Inc. (Changed to Verticore Technologies)
UNIX and NT LAN/WAN Administrator
Clients Support Technician for Document Imaging, Workflow & Database Systems
Webmaster
Junior Java Developer
Junior Visual Basic Developer
MS-SQL, Oracle & Informix Database Administrator
Salaried Employee
June 1997-January 1998,
Salt Lake City, Utah

Designed, implemented, and maintained entire corporate Internet & Intranet sites from scratch.  Created (& maintained) Web-based Customer support database using Java. Order, configure and maintain ISDN for company's divisions.
Install & maintain NT Proxy, and MS Exchange Servers LAN & Internet Mail.
Designed implemented and maintained corporate (800 number) dialup and ISP services.
Some clients included: Kennecott Mining Corp, Varian Mfg, Smiths Foods, Swire (Coca Cola) Distributing, St. Alphons' Hospital, AG&G Chemical Demolitions Facility, LDS

Church Missionary Dept., LDS Church Genealogical Dept., Salt Lake City Corporation, Utah State Corrections, Gem Insurance Company.
Worked with integration of software on many platforms:
DOS, 3x, 95, NT (3x & 4), UNIX (AIX, HPUX, Sun/Solaris, Linux), OS/2 WARP, MAC, Netware (2x, 3x, & 4x).
Supported the following network technologies:
        TCP/IP, IPX/SPX, NetBEUI, Banyan-VINES, Arcnet.
Application support included:
Filenet, Documentum, Optika, Saros, InConcert, Frequent Filer, and many other "custom coded" programs related to document imaging, document workflow & document management.


Computer Systems Head Technician
Junior VB & Java Developer and MS-SQL & Oracle DBA
Hourly Employee
September 96 to June 97
PC Easy Computers
Salt Lake City, Utah



Increased system build productivity from 2-3 computer systems built per tech, per day, to 6-10 systems per tech, per day.  Responsible for evaluating, testing, & approving new hardware & software for purchase by company.  LAN administrator for company, as well as contracts for other companies.  Webmaster for company site as well as for contracted web-site creation/design/administration for other companies.  Train new tech employees.  Hire and manage technicians (up to 5 employees).


Computer Graphics Instructor
Automotive Instructor
Novell, WFWG, WANG & LAN administrator
Hourly Employee
March 96 to September 96
Utah Career College (previously Bryman Schools Technical College)
The American Automotive Institute
Salt Lake City, Utah.
www.utahcollege.com



Created and instructed approved course in Computer Graphics & trained other instructors to teach the course (up to 20 students).   Network Administrator for Novell Netware 2.12, 3.1, WANG, & WFWG/DOS.  Instructor for Automotive Technical Division & Office Administration courses (up to 25 students).
 Novell Netware 2.12 & 3.1, WANG and WFWG 3.11 Administrator on IPX/SPX & TCP/IP networks. Created curriculum and trained instructors on teaching course in Graphics Design. Course initially focused on Corel Draw, but eventually became full certification program.

Directory Assistance Operator
Assistant Network Administrator
Hourly Employee
August 1995 to March 1996
Teltrust Communications Inc.
www.teltrust.com

Provided directory assistance support. Provided assistance in troubleshooting and supporting Netware 2.12 and 3com networks and Windows for Workgroup computers internally for Teltrust administrators.


Laurelwood Properties Apartments and Offices c/o John McConnel Properties.
Property Security Manager, Security Guard, Software Developer, Systems Administrator
Salt Lake City, Utah
October 1993 to August 1995

Property Security Manager for 96 apartment units and over 140,000 square ft office complex near downtown Salt Lake City.
        Provided software development by custom coding accounting, tenant tracking, and inventory software suite in QBASIC.
        Provided PC systems support for OS/2, DOS, and Windows based systems.
        Some early Linux use beginning around 1994.


Howell's Photography
Photographer, Darkroom & Lab Technician
SLC, UT
1995

Black & White archival darkroom technician (from negatives to plates up to 8"x10"), color lab processing technician and photographer.


Kodak - Qualex Photo Labs
Color Lab Enlargements Technician
SLC, UT, US
1993-1994

Operated color enlargement lab equipment (manually), for up to 11"x14" print enlargements. Graveyard shift.


Models' International, The Look, & 7 other top model agencies in area.
Independent Contracted Photographer
SLC, UT, US
1992-1995

Independent photographer for many agencies, companies, musicians/bands, magazines, and other opportunities.

Villa Franche, Starcrest, & Millcreek Meadow Apartments, Security Manager,
Property Maintenance Manager, Systems Administrator, Software Developer
Salt Lake City, Utah
May 1992 to October 1993

Property Security Manager with crew of two other security officers.
      Property grounds and maintenance manager with crew of six maintenance staff.
      Managed contractors for paint, plumbing, electrical, construction etc.
      Over 350 units at Starcrest, over 120 units at Villa Franche, over 40 Units at
Millcreek Meadow.
      Supported and administered the company PCs and software running Windows
and DOS and custom accounting and property management software.
      Wrote and updated accounting and property management software in
BASIC/QBASIC that replaced the previous commercially purchased software.


John Hancock Annuities & Life Insurance (via Matrix Marketing)
Annuity Services Support Representative
and OS/2 Assistant Systems Administrator
Salt Lake City, Utah
February 1992 to September 1993

Provide inbound support to annuity and life insurance John Hancock Life Insurance &
Annuities customers.
      Assistant Administrator for OS/2 and LAN & WAN networks.


7-11
Cashier/Clerk (all shifts, primarily graveyard)
Salt Lake City, Utah
January 1992 to January 1993

      Cashier & Clerk for 7-11. When all my photography equipment was stolen, I
needed a means of earning income to rebuild my equipment, so worked double and
triple shifts and mostly graveyards, so could build photography client base back up.
Offered assistant management positions multiple times (turned down because of
pursuing interests in other careers). Moved on to Villa Franche.


Models' International & The Look
Staff Photographer & Darkroom Technician
March 1991 to January 1992

Began as apprentice, became lead photographer in 2 months, Staff photographer within
3 months. Color & black & white shooting and hand processing (black and white) and
enlargements. Trained apprentices as well.

Hillcrest Care Center
Rehabilitation Therapist
348 E 8000 S
Sandy, UT, 84070
(801) 566-4191
1990

Morning care for moderately functional special needs adults. Guide them in preparation for the day and being sent to various OT and PT programs.

Doxie Hatch Care Center
CNA (Nurse's Aide) & LPN Trainee
3300 S 600 E
Murray, UT
1990 to 1991

On call CNA for all floors including terminal patients. Attended Licensed Practicing Nurse (LPN) certification program as well.

Auto Care Clinic
Automotive Technician
West Valley, Utah
1989

ASE certified automotive technician, specialties included computer, electrical, and performance systems.

Brittainny Apartments
Security guard, computer & network systems support technician
March 1988 to february 1990
Murray City, Utah

Property security night shift and on-call 24x7x365. PC systems and network support

Precision Tune Automotive Services
Automotive Technician
1988-1989
Murray, Sugarhouse, & Sandy, Utah.

Fill-in technician for all automotive technicians on their days off. Received awards for Repeatedly received "Best technician of the month" awards and bonuses. Received 5-star certification through in-company certification program.

Car City Used Cars
Automotive Technician
South Salt Lake City, Utah
1988
Diagnose and repair used vehicles for sale on used car lot.


Best Buy Rentals & Sales
Delivery Driver & Events Supplies Coordinator
Salt Lake City, Utah
1987

Load into trucks various events equipment including tables, chairs, gazebos, etc. Drive these materials to even locations and deliver. In some instances setup and arrange events materials through events. Later tear-down and return equipment to facilities.


Saint Joseph's Villa
Elderly Care Volunteer
Salt Lake City, Utah
1979

Volunteer at long-term elderly care facility.


Lost Packer Mining Corporation
Surveyor, surface and underground mining construction crewman
Hourly employee (seasonal)
Idaho
Summers 1979, 1983 to 1987

Performed wide range of labor and skilled work including:
        Surveyor (mill and mine sites), surface blasting, lumber jacking, heavy duty construction, welding, courier/driver, mechanic, dishwasher, heavy duty pneumatic tools operator, and groundskeeper.
        Some occasional computer systems and software development work on IBM PC and Apple (IIe & Mac) systems.


EASTERN WASHINGTON UNIVERSITY COURSES COMPLETED

Recreation Therapy:
* American Sign Language I, II, & III
* Recreation & Leisure in Modern Society
* Medical Terminology
* Overview of Therapeutic Recreation Services
* Aqua Aerobics
* Karate
* Leadership in Recreation & Leisure Services
* Arts in Recreation Therapy
* Program Planning in Recreation & Leisure
* Professional Involvement in Recreation Programs

* Outdoor Adventure Programming
* Recreation Therapy for People with Disabilities

Research Psychology:
* Counseling, Education, & Developmental Psychology - Life-span Development
* General Psychology - PSYC 101
* Abnormal Psychology - PSYC 302
* Psychology of Women - PSYC 331

Music Minor & Music Therapy:
* Voice I, II, III, IV, V, & VI.
* Concert Choir I, II, & III.
* Music in the Humanities
* Guitar & Music fundamentals
* The Power of Music (therapy)
* Music Theory I, II, & III
* Sight Singing & Aural Skills I, II, & III
* Piano classes for non-majors I, II, & III
* Digital Sound, Studio, & Sound Production
* History of Rock & Roll.
* Music Composition Techniques I
* Music Counterpoint composition I

General Requirements:
* History - Western Heritage origin to 18th century
* History - East Asian
* Mandarin Chinese
* Introduction to Literature
* Introduction to Religion and Theological Studies
* English, College Composition, Exposition, & Argument
* English, College Composition, Analysis, Research, & Documentation
* Discovering Geology
* Geography - Fundamentals of the Physical Environment
* Modern Government in American Context
* Interdisciplinary degree portfolio development

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COURSES REMAINING

Recreation Therapy:
* Kinesthetics in applied human anatomy and physiology (Taking this Fall)
* Facility planning & environmental design
* Legal foundations
* Program planning for recreation therapy
* Evaluation, Research, Statistics in recreation & leisure (maybe redundant)
* Professional issues in recreation therapy
* Processes & techniques in recreation therapy
* Budgeting in recreation therapy.
* Anatomical Kinesthetics
* Assessment techniques in therapeutic recreation

Research Psychology:
* Theories of Personality PSYC 301 (Taking this Fall)
* Foundations of Psychotherapy PSYC 320
* Introduction to statistics in the social sciences (maybe redundant)
* Scientific principles of psychology PSYC 309
* Research methods in psychology PSYC 313 (maybe redundant)
* Tests & Measurement in psychology PSYC 314 (maybe redundant)
* Human Memory & Cognition PSYC 316
* Computerized research techniques in psychology PSYC 318 (maybe)
* Computer aided data analysis (maybe)
* Cognitive & Behavioral change (maybe)
* Emotion and Emotional intelligence (maybe)
* Social Psychology (maybe)
* Biological Basis of behavior (maybe)
* Psychology & the legal system
* Cultural psychology (maybe)


INFORMATION TECHNOLOGY SKILLS INVENTORY LIST

| Skill | Years Used | Year Last Used | Advanced Training or Certification | Notes / Logo |
|---|---|---|---|---|
| ADS – Active Directory | 9 | 2011 | | |
| AS/400 | 2 | 2003 | | |
| ASP .NET | 2 | 2011 | | |
| Adobe Acrobat | >10 | 2012 | | |
| Adobe Photoshop | >10 | 2011 | | |
| AIX | 1 | 1997 | | |
| Amiga OS | >10 | 2012 | | |
| Apache | >10 | 2012 | | |
| Apple | >20 | 2012 | | OS-X and Server |
| Audacious | 3 | 2009 | | |
| BeOS | 2 | 2000 | | |
| Broadvision | 3 | 2001 | Advanced Training from BroadVision Inc. | BroadVision performance tuning, architecture, design, development and administration 2.x, 3.x, 4.x, & 5.x, |
| Brio | 1 | 2002 | | |
| C | 7 | 2005 | CCI training 1998 | |
| C++ | 3 | 2001 | CCI training 1998 | |

| Skill | Years Used | Year Last Used | Advanced Training or Certification | Notes / Logo |
|---|---|---|---|---|
| C# | 0.5 | 2007 | | |
| CAD | 1 | 2002 | | |
| Caldera Linux | 3 | 2000 | | |
| CGI | >10 | 2008 | | |
| CNA (Certified Netware Administrator) | certification | 1998 | HotLabs Linux for Netware/Novell Training 2000 | Netware, Intranetware, BIND, eDirectory, Groupwise, etc. |
| COBOL | 3 | 2000 | CCI training in 1998 | |
| CRM | 3 | 2001 | | |
| CSS | 5 | 2012 | | |
| CVS | 4 | 2011 | | |
| Checkpoint | 1 | 2000 | | |
| Cisco | 6 | 2009 | | |
| Citrix | 2 | 1998 | Citrix training while at Comspec 1998 | |
| ColdFusion | 2 | 2001 | | |
| Content Management Systems | >10 | 2012 | | |
| ClearCase | 2 | 2002 | | |
| ClearQuest | 2 | 2002 | | |
| Crystal Reports | 3 | 2002 | | |
| DB2 | 1 | 1999 | | |
| DBA | >10 | 2011 | | Various (Oracle, MySQL, MS SQL, Informix, SyBase, DB2, Postgresql) |
| DHCP | >10 | 2012 | | |
| DHTML | 4 | 2008 | | |
| DNS | >10 | 2012 | | |
| DOS | >20 | 2012 | | |
| Data Analysis | >10 | 2012 | | |

| Skill | Years Used | Year Last Used | Advanced Training or Certification | Notes / Logo |
|---|---|---|---|---|
| Data Modeling | >10 | 2011 | | |
| Database Design | >10 | 2011 | | |
| Database Management | >10 | 2011 | | |
| Delphi | 2 | 1996 | | |
| Disaster Recovery | >10 | 2012 | GIAC GCIH | |
| Documentum | 2 | 1998 | | |
| Dreamweaver | 2 | 2000 | | |
| Essbase | 1 | 2002 | | |
| MS Exchange Server | 6 | 2003 | | |
| e-commerce | >15 | 2011 | | |
| FORTRAN | 1 | 1996 | | |
| FileMaker | 3 | 2007 | | |
| FileNet | 2 | 1999 | | |
| Firewall | >10 | 2012 | | |
| Fireworks | 2 | 1999 | | |
| Flash | 4 | 2002 | | |
| FoxPro | 1 | 1998 | | |
| FrontPage | 3 | 2000 | | |
| GCIH (SANS Institute GIAC Certified Incident Handler) | certification | 2002 | Sans Institute. | |
| Ghost | 3 | 2005 | | |
| GIMP | >10 | 2012 | | |
| Graphic Design | >10 | 2012 | | |
| HP-UX | 2 | 2000 | | |
| HTML | >15 | 2012 | | |
| IDS | >10 | 2011 | | |
| IIS | >10 | 2011 | | |
| Illustrator | 3 | 2002 | | |
| Information Management | >10 | 2006 | | |
| Information Security | >15 | 2012 | Sans Institute | |

| Skill | Years Used | Year Last Used | Advanced Training or Certification | Notes / Logo |
|---|---|---|---|---|
| | | | GCIH | |
| Informix | 1 | 1997 | | |
| InstallShield | 2 | 1999 | | |
| Intrusion | >10 | 2007 | | |
| J2EE | 2 | 2002 | Java Training through ITI 1999 | |
| JDBC | 3 | 2002 | | |
| JSP | 2 | 2002 | | |
| Java | 7 | 2012 | Java Training through ITI 1999 | |
| JavaScript | 5 | 2006 | | |
| LAN | >20 | 2012 | | |
| LDAP | 6 | 2007 | | |
| Linux | >15 | 2012 | | |
| Lotus Notes | 2 | 2005 | | |
| McCabe QA, IQ, Test, Java Parser | 3 | 2003 | Advanced training from McCabe, 2000 | |
| MCP | certification | 1998 | certification | |
| MCP+Internet | certification | 1999 | certification | |
| MCSE | certification | 1999 | certification | |
| Mac | >15 | 2012 | | |
| Mac OS | >20 | 2007 | | |
| Mac OS X | >15 | 2012 | | |
| Mac OS X Server | 3 | 2008 | | |
| Mainframe | 1 | 1995 | Apprenticed through owner of G.T. Inc. Utah. 1995 | McDonnel Douglas & Hewlett Packard |
| Microsoft Access | >10 | 2006 | | |
| Microsoft Excel | >10 | 2009 | | |

| Skill | Years Used | Year Last Used | Advanced Training or Certification | Notes / Logo |
|---|---|---|---|---|
| Microsoft Exchange | 6 | 2003 | | |
| Microsoft Office | >15 | 2012 | | |
| Microsoft Outlook | >10 | 2007 | | |
| Microsoft PowerPoint | >10 | 2011 | | |
| Microsoft Project | 9 | 2011 | | |
| Microsoft Visio | >12 | 2011 | | |
| Microsoft Windows | >20 | 2012 | | |
| Microsoft Word | >15 | 2012 | | |
| Multimedia | >20 | 2012 | | |
| MySQL | >10 | 2012 | | |
| .NET | 3 | 2011 | | |
| Network Design | >15 | 2012 | | |
| Network Engineer | >15 | 2012 | | |
| Network Management | >10 | 2012 | | |
| Network Security | >10 | 2012 | Sans Institute GCIH | |
| Networking | >20 | 2012 | | |
| Novell | >10 | 2009 | CNA 1998, Novell Linux 2000. | |
| OOAD | >10 | 2011 | | |
| OOP | >15 | 2012 | | |
| OS/2 | 5 | 2000 | | |
| OpenGL | 4 | 2009 | | |
| Oracle | >7 | 2005 | Oracle DBO/DBA training through Oracle while at Franklin Covey 1999 | |
| Oracle Applications | 2 | 2002 | Oracle DBO/DBA | |

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|---|---|---|---|---|
| | | | training through Oracle while at Franklin Covey 1999 | |
| Oracle Database | >7 | 2005 | Oracle DBO/DBA training through Oracle while at Franklin Covey 1999 | |
| Oracle Financials | 1 | 2001 | Oracle DBO/DBA training through Oracle while at Franklin Covey 1999 | |
| Oracle Forms | 1 | 2001 | Oracle DBO/DBA training through Oracle while at Franklin Covey 1999 | |
| Oracle Reports | 3 | 2003 | Oracle DBO/DBA training through Oracle while at Franklin Covey 1999 | |
| PHP | 3 | 2006 | | |
| PL/SQL | 5 | 2003 | | |
| Perl | 5 | 2007 | | |
| Photoshop | >10 | 2006 | | |
| Plone (Zope) | 8 | 2012 | | |
| PostgreSQL | 5 | 2008 | | |
| Project Management | >10 | 2009 | Franklin Covey PM training 1999, Project | |

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|---|---|---|---|---|
| | | | Management Institute 2000 | |
| Postfix | 9 | 2012 | | |
| Publisher (MS) | 5 | 2002 | | |
| Python | 3 | 2012 | | |
| Qmail | >15 | 2012 | | |
| Quality Control | 3 | 2003 | | |
| RDBMS | >10 | 2009 | | |
| Rational Clearcase | 2 | 2002 | Rational training while at Franklin Covey | |
| Rational Rose | 3 | 2002 | Rational training while at Franklin Covey | |
| RedHat Interchange, MiniVend, Vend | >10 | 2012 | | |
| RedHat Linux | >15 | 2012 | | |
| RedHat Enterprise Linux | 6 | 2009 | | |
| Research (& Development) | >10 | 2009 | | |
| REXX (AREXX) | 3 | 1995 | | |
| Risk Management | >10 | 2012 | Sans Institute GCIH | |
| Ruby | <1 | 2007 | | |
| SAN / NAS (Storage Area Network / Network Attached Storage) | >5 | 2009 | | |
| SMS | 3 | 2003 | | |
| SMTP | >15 | 2012 | | |
| SNMP | 7 | 2005 | | |
| SQL | >15 | 2012 | | |
| SQL Server | 2 | 1999 | | |

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|---|---|---|---|---|
| (Sybase) | | | | |
| SQL Server (MS) | >9 | 2009 | | |
| Servlets | 3 | 2004 | | |
| Shell (csh, bash, z, k, etc.) | >15 | 2012 | | |
| SilverStream Application Server | 3 | 2001 | Advanced Training through Silverstream while at ITI. 1999. | SilverStream development and administration 1.x, 2x, 3x |
| Software Development | >20 | 2012 | CCI, McCabe, Novell, FC, Rational, Oracle, Sun, Microsoft various software development and QA training 1996 through 2001 | |
| Software Testing (formal processes) | >15 | 2012 | CCI, McCabe, Novell, FC, Rational, Oracle, Sun, Microsoft various software development and QA training 1996 through 2001 | |
| Sun Solaris | >10 | 2007 | Sun Solaris 7 Admin Certification Part I 2003 | |
| Suse Linux | >15 | 2012 | | |
| Sybase | 2 | 1999 | | |
| Systems Administration | >20 | 2009 | | |

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| --- | --- | --- | --- | --- |
| Systems Analysis | >15 | 2012 | | |
| Systems Engineering | >15 | 2012 | | |
| Systems Integration | >20 | 2012 | | |
| T-SQL | 7 | 2009 | | |
| TCP/IP v4 | >15 | 2012 | Novell Hotlabs TCP/IP Troubleshooting with Protocol Analysis, 2000 | |
| TCP/IP v6 | 1 | 2008 | | |
| Tcl | 2 | 2002 | | |
| Technical Support | >30 | 2009 | | |
| Techincal Writer | >10 | 2009 | | |
| Toad | 4 | 2003 | | |
| Tomcat | 4 | 2004 | | |
| Training / Instructor | >15 | 2007 | Utah State Instructor Certification Training Program 1995 | |
| Ubuntu Linux | 7 | 2012 | | Kubuntu and other variants too. |
| UML | 4 | 2010 | | |
| UNIX | >10 | 2009 | | |
| VA Linux | 4 | 2004 | | |
| VERITAS | 1 | 2001 | Veritas training 2001 | |
| VMS | 1 | 2000 | | |
| VM - Virtual Machine technologies | >15 | 2012 | | Wmware, VirtualBox, Xen, etc. |
| VoIP | 6 | 2006 | | |
| VPN | >10 | 2008 | | |

| Skill | Years Used | Year Last Used | Advanced Training or Certification | Notes / Logo |
|---|---|---|---|---|
| Visual Basic | 4 | 2000 | | |
| Visual C++ | 2 | 2001 | | |
| Visual Studio | 3 | 2002 | | |
| WAN | >10 | 2009 | | |
| Web Design | >15 | 2012 | | |
| Web Development | >15 | 2012 | | |
| WebLogic | 2 | 2001 | | |
| Windows 2000 | 8 | 2007 | | |
| Windows 2000 Server | 9 | 2010 | | |
| Windows 2000 Advanced Server | 3 | 2005 | | |
| Windows 2003 Server | 5 | 2010 | | |
| Windows 9x/Me | >10 | 2007 | | |
| Windows NT | >10 | 2005 | | |
| Windows Vista | 6 | 2012 | | |
| Windows XP | >10 | 2012 | | |
| Wireless | >10 | 2012 | | Wifi, Satellite, DSSS spread spectrum, 802.11x, 900 Mhz, 2.4 Ghz, 5 Ghz, etc. |
| XML | 3 | 2009 | | |
| XSL | 1 | 2007 | | |
| XSLT | 1 | 2007 | | |
| Zope | >10 | 2012 | | |