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<http://www.jomche.org/~samorris/resume.shtml>

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Objective

I have 15 years of experience in software development, maintenance, and porting of applications in Unix and Windows environments. I am currently available for consulting or freelance software development projects, and would love to put my skills to work for you.

Experience

Software Development:

- 15 years experience developing in C and Perl
- System utilities for Windows and FreeBSD
- File system recovery and file conversion tools
- Network protocol implementation
- Simple GUI apps for Win32, GTK, Qt4, and iOS
- Delphi, VB.net, C#, Obj-C and PHP as needed

Software Maintenance:

- Porting packages between Windows and Unix
- Tool chain and software package support
- Triage and maintenance of existing code
- Reverse engineering legacy applications
- Adding new functionality to existing code
- Developer support in research environments

System Administration:

- Windows NT/2000/XP/7, FreeBSD, Linux
- Tier 3 support for 450 store restaurant chain
- Automation of system build processes
- Design of custom deployment frameworks
- Fault monitoring and performance optimization
- Deployment of locked-down academic labs

Training and Documentation:

- Mentoring junior engineers and sysadmins
- Development of troubleshooting procedures
- DocBook, LaTeX, SGML, XML, troff toolchains
- Custom filters scripts and image processing tools
- Setting up wikis for non-technical groups

Employment History

Nov 2011 - Present: System Engineer
Jomche Consulting (self-employed)

- Triage and maintenance of legacy code
- File system recovery tool
- Custom MIDI file conversion tools
- Disk triage tool for hard drive repair company
- Log archive tool for WiderNet eGranary servers
- Reverse engineering of proprietary tools
- RAID-5 software implementation
- Small iOS projects

Mar 2006 - Oct 2011: System Engineer
Einstein Noah Restaurant Group (ENRGI)

- Tier 3 support for 450 store restaurant chain
- Automating and training system build process
- Development of custom support tools
- Integrating new code with legacy applications
- Evaluation and testing of store systems
- Documenting troubleshooting procedures
- 24x7 On-call support for help desk and vendors

Mar 2005 - Mar 2006: Helpdesk Analyst
Einstein Noah Restaurant Group (ENRGI)

- First-level support for restaurant managers
- Radiant Lighthouse, Verimacs ReMACS
- Back office, POS, broadband hardware
- Support for enterprise and field users

Nov 2000 - Mar 2005: Consultant
Jomche Consulting (self-employed)

- Development of namespace abstraction library
- Small research software prototypes
- Windows performance monitoring client
- Maintenance of open source projects

Jan 2003 - Dec 2004: Contract Employee
Volt Technical Services

- Deployment of load-testing environments
- Automating business processes with scripts
- Field technician and field technician coordinator

Feb 1998 - Oct 2000: System Administrator
CSOps, CS Department, University of Colorado

- Support of NT4 in heterogenous environment
- Unix/NT integration: Samba, Cygwin32
- Building Unix packages for Win32 tools tree
- Deployment of locked-down NT4 academic lab
- Developer support for researchers
- Mentoring of undergrad & high school students

Sep 1994 - Sep 2000: 31R: Radio Operator
143D Signal Co, Colorado Army National Guard

- Microwave link engineering and mission support
- Unit liaison for signal mission during FTXs/ATs
- 1998 Soldier of the Year, 89th Troop Command

Jan 1997 - Dec 1997: Network Administrator
Kaiser Technology Group, Brighton CO

- Support of NT-based web hosting environment
- Application support for in-house staff

Jul 1996 - Dec 1996: Web Developer
Kaiser Technology Group, Brighton CO

- Web application development for small startup
- Web sites for Hospitals and Health Orgs

Jun 1996 - Jan 1997: Student Sysadmin
CS Department, University of Colorado

- Support of undergraduate Unix labs
- Building and installing software packages
- Assistance for faculty, TA's, and students

Feb 1996 - Jun 1996: PC Technical Support
PC-Helpline, Boulder CO

- Cofounder of tech-support startup
- Over-the-phone technical support
- PC troubleshooting and repair

1992 - Jun 1995: PC Technical Support
Cedaredge Computer Doctor

- Self-employed during high school
- Over-the-phone and on-site PC technical support

Summer 1993 - Fall 1994: Layout & Design
Towne and Country Printing

- Typesetting, Layout, and Graphic Design
- Brochures, Fliers, Business Cards
- Client technical support, data conversion

Education

Cedaredge High School, Cedaredge, CO
Graduated with Honors May 1995

University of Colorado, Boulder, CO
Major: Computer Science
32 credit hours completed

U.S. Army Basic Training, Ft. Jackson, SC
Graduated Aug 1995

U.S. Army Signal School, Ft. Gordon, GA
Course: 31R Multichannel Radio Operator
Graduated Nov 1995