

Douglas McClendon

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full resume: cloudsession.com/dawg/stuff/resume

Education

University of Kansas **Lawrence, KS (Fall93->Spr97, Fall04->Spr07)**
Bachelor of Science -- Computer Engineering -- GPA 3.000 – Graduated May 2007

Experience

Sonic Dawg Corp: Sole Proprietor **Aurora, CO, Lawrence, KS (Mar09->Current)**
• Publishing my music, fiction, non-fiction, and software at CloudSession.com (javascript/php/sql)

VMWare: R&D: Software Engineer **Palo Alto, CA (Mar08->Feb09)**
• Linux Installers, Update Mechanisms, Distro Packaging. (perl, python, C++, rpm, deb, bugzilla)

Keyhole Corp: Member Technical Staff **Mountain View, CA (Jun02->Apr04)**
• System/Network Administration: Colocated Cluster Systems Admin
• Systems Integration/Engineering: Demo Appliance Project, requirements to support
• Software Engineering: CGI web 1.0 first GUI for custom GIS processing pipeline
• Enterprise and End-User Customer Support: on and very far off site

FBN Linux and Consulting: Sole Proprietor **California (Apr00->May02)**
• Network Deployment Contractor: for several small silicon valley startups
• mail, dns, dhcp, raid/nfs servers and configuration, etc...
• Linux Distribution Design: created live-cd rpm based linux distribution generation system

GigaPixel Corporation: Member Technical Staff **Santa Clara, CA (Aug97->Mar00)**
• Software Engineer: D3D, OGL, linux, C++, perl, tcsh, regression testing, X11 applications
• Client Technical Support: on/off-site support, product release packaging, delivery and support
• Systems Administration:
• deployed a 50+ node network of NT/98/Linux/Solaris/Irix hosts and servers including-
• web/ftp, dns, nfs, vpn, cvs, bug database, calendaring, ntp
• firewalls, proxy servers, mail relays, raid arrays, samba, cygwin, vmware, vnc
• I grew with the startup from day 1 to team of 40+ developing world class GPUs

Open Source Contributions

- **(2010) Rakarrack (C++)**
 - Added Global Wet/Dry feature, and a patch refactoring midi handling (better code reuse)
- **(2009) ZyX-LiveInstaller for SugarLab's Sugar On A Stick (python, bash)**
 - My rebootless LiveOS installer's first significant deployment was in v2-BlueBerry
- **(2009) Guitar-ZyX (python/pygtk+glade, C, OpenGL, perl, bash, rpm, arm7/arm9/x86)**
 - Fedora derived electric guitar live audio f/x processing appliance 'LiveOS'
 - GZ-MCP: dual-axis touchscreen wireless remote control homebrew for the Nintendo-DS
- **(2007) Fedora: (python)**
 - Performance enhancements, features, and bugfixes for Anaconda and LiveCD-Tools
 - detailed commit log links at – <http://cloudsession.com/dawg/stuff/opensource>

References available on request - Available to start immediately - Able to relocate