

Hubert Cross

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EXPERIENCE

2006 May - Present

CAD/UNIX Systems Administrator *Advanced Analogic Technologies Inc.*, Santa Clara, CA

- Administration of international UNIX NFS/NIS network running Solaris and RHEL/CentOS/Ubuntu Linux operating systems
- Administration and support of Active Directory in Santa Clara for authentication, printer queues, VPN, and e-mail services
- Installation, maintenance, end-user support and customization of Cadence Virtuoso, VXL, MMSIM, Assura software with SKILL programming
- FlexLM server maintenance and monitoring, tracking & graphing of license usage
- Supporting main Layout group with IC Layout Mask Design workload as needed
- Remote administration and support of CAD networks in California, Japan, Shanghai, Hong Kong
- Traveling to offices in Asia to set up infrastructure for UNIX/Linux networks of design workstations and servers
- Responsible for backups of crucial design data here and offices abroad
- Daily end user support for Windows, Linux, VPN for off-site users
- Given discretion over software and hardware purchases such as workstations, servers, routers, switches, printers, other equipment
- Management of company-wide MediaWiki knowledge-base system and an internal webcast site for knowledge-sharing
- Perl, C, SKILL programming, UNIX scripting

2004 July - 2006 May

Jr Systems Administrator *Casa Cross*, Managua, Nicaragua

- Responsible for 125-workstation network running mix of Windows/RedHat/SuSE
- Maintained Microsoft Active Directory services for the network
- Configured routers and switches and set up network infrastructure
- Troubleshooting hardware and software issues
- Worked individually and in groups
- Set up and managed SAMBA and CUPS services between Linux and Windows systems
- Connected separate physical networks through parabolic antenna WIFI link between two office buildings

2002 January - July 2004

Systems Administrator *StampsWithPictures.Com*, San Jose, CA

- Maintained company LAMP servers and provided end-user support for Windows workstations
- Responsible for running Active Directory for authentication of Windows users

SKILLS and KNOWLEDGE

- Installation, maintenance, troubleshooting of RedHat/CentOS, Debian/Ubuntu, Slackware Linux servers and workstations, Windows workstations and servers
- Experience with FreeBSD, NetBSD, OpenBSD, MacOS X, Solaris/SunOS, Windows Server
- IC Layout Mask Design experience with Tanner and Cadence tools
- RAID Array management, data migration
- Knowledge management systems such as MediaWiki
- C, PHP, MySQL, Perl software maintenance, patching, UNIX shell scripting
- Apache, FTP, SSH, BIND, SAMBA/CIFS, LDAP, NIS/NFS, Kerberos, FlexLM licensing services
- Administration of Microsoft Active Directory, VPN servers
- System monitoring and surveillance with Munin, Nagios, Cacti
- Custom and third-party storage backup systems
- Able to multi-task and thrive in a dynamic, fast-paced environment
- Self-directed and able to achieve objective with little direction
- Broad range of skills, able to adapt to changing environments

Education and Training

Silicon Drafting Institute, Santa Clara, CA 2008, instructor Woo-Ping Lai - Advanced IC Layout Mask Design Course Completed

De Anza College, Cupertino, CA 2002-2004, 2007-2010

Calculus, Algorithms, Advanced Systems Programming, UNIX, German, Japanese, Mandarin

Ave Maria University, San Marcos, Nicaragua 2004-2007

Business, Mathematics, Humanities

Fluent in English, Spanish, German, with intermediate Japanese and Mandarin

Willing and ready to travel internationally

References available upon request.