

# CHRISTOPHER RIGGINS

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## WORK EXPERIENCE

### 1998 – 2004 **Turner Broadcasting Systems, Technology Services, Atlanta, GA**

#### *Systems Engineer II*

- Administered UNIX (HP-UX, Solaris, Irix, Linux) systems; tuned performance
- Configured disaster recovery plans, clustering, Oracle, PeopleSoft, and Informix support
- Managed DNS, DHCP, and email gateways
- Installed and configured, and managed up to 30 HP-UX Oracle / PeopleSoft / Weblogic servers
- Configured and managed up to 50 Solaris web servers, DNS/DHCP servers, Oracle server.
- Installed & configured LDAP server for on-air critical application support

### 1997 – 1998 **Motorola, Inc., Energy Products Division, Lawrenceville, GA**

#### *System Administrator*

- Created web-based monitoring tools for network health and help-desk queue
- Automated usage reports and help-desk monitoring via shell scripts and C programs
- Managed NIS accounts for and tuned HP-UX workstations in support of CAD use

## PROJECTS AND COLLABORATIONS

### 1998 – 2004 **HR/Payroll & Financial/Billing Systems**

- Served as primary administrator for 25 HP hosts, serving the needs of 10,000 employees
- Optimized kernel and disk settings; capacity planning for large Oracle database servers
- Zoned SAN, configured RAID types and multi-pathing
- Wrote documentation for HP specific administrative tasks
- Administered installation and testing of 3-tier PeopleSoft architecture with Weblogic front-end

### 1998 – 2004 **DNS & DHCP System**

- Maintained standards-compliant, hybrid DNS structure with split-horizon resolution on Solaris platform
- Built efficient, distributed DNS change access via VitalQIP frontend to Oracle database
- Planned fault-tolerant DHCP VoIP support
- Deployed 10 Solaris hosts for DNS/DHCP servers.
- Answered direct customer requests and guided TimeWarner business units in DNS merge
- Trained fellow engineers on DNS standards and company practices

### 1999 – 2004 **Digital Video Browsing System**

- Built and maintained LDAP authentication on Solaris for Mediasource application on HP-UX
- Managed 3-tier application: Informix on HP-UX, Netscape webserver on Solaris, and LDAP authentication via iPlanet hosted on Solaris
- Created scripted EMC BCVs swaps for data security on Symmetrix

### 2004 **System Monitoring**

- Collaborated with fellow engineer on interface design
- Designed, programmed, and maintained a web-based real-time system monitor on Solaris host
- Wrote client/server mechanism to monitor data across diverse platforms
- Implemented multiple types of notification, and configurable threshold settings

## EDUCATION

**Georgia Institute of Technology**

*B.S. Applied Physics Co-operative Program (1993)*

**Georgia Institute of Technology**

*School of Earth and Atmospheric Sciences (coursework: 1993–1997)*

## PROFESSIONAL SOCIETY MEMBERSHIPS

· AAAS

· SAGE

## SKILLS/EQUIPMENT USED

### *Software*

BIND, Sendmail, Lucent DHCP  
Apache, Netscape, iPlanet, Weblogic  
MeasureWare, Ignite U/X, ServiceGuard  
VitalQIP 5.2, 6.0, 6.1  
Samba, NFS, NIS, LDAP  
Oracle, Informix, PeopleSoft

### *Hardware / OS*

HP / HP-UX 10.20, 11.00, 11i  
Sun / Solaris 7, 8, 9  
SGI / Irix 6.4, 6.12l  
Intel / RedHat Linux  
Macintosh / Mac OS X  
EMC Clariion, Symmetrix

### *Languages*

Perl, C, FORTRAN  
HTML, XML, CSS  
Bourne, POSIX Bourne, & Korn shell  
SQL