

## Education

1997-1999

### DeVRY Institute of Technology

- Bachelor of Science Computer Information Systems
  - Graduated Summa Cum Laude
  - Organized and ran a programming study group credited with helping several students graduate
  - Management project of online ticket ordering system, using LAMP, which was used in school's recruitment and accreditation presentations
  - Maintained Dean's List all semesters with a full-time schedule and full-time job schedule
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## Skills

**Operating Systems:** Linux, VMWare, FreeBSD, OpenBSD, IRIX, Solaris, Windows

**Programming:** Shell Scripting, PERL, SQL, PHP, HTML

**Storage Products:** EMC, NetApp, Pillar Data Systems, custom built iSCSI and NAS devices

**System Administration Tools:** Nagios, Cobbler, Puppet, CFEngine, Arkeia, Bacula, collectd

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## Select Professional Experience

2006-Present

### Senior Systems Administrator

TechTarget

- Implemented and maintained a distributed monitoring system using Nagios
- Proposed, engineered and implemented a rapid deployment system using Cobbler, Puppet and custom BASH and PERL scripts
- Engineered and implemented new virtual infrastructure, using VMWare, storage over-subscription with NetApp and custom tools for budgeting virtual resources
- Planned and executed a complete data center move on time and on budget
- Installed and planned use of EMC CX3-40 including migrating primary database servers from the older EMC CX-600
- Wrote or maintained internal applications such as hardware inventory, outage reporting using PERL, PHP and BASH
- Lead technical resource for heterogeneous environment

2000-2006

### Senior Systems Engineer

Elekta

- Engineered and managed the Common Platform Project. An initiative to move the companies software products from HP-UX and IRIX to Linux
- Lead systems engineer for high performance initiative using MOSIX and OSCAR
- Designed and implemented a build system, using PHP, that included support for multiple projects and diverse build environments.
- Wrote system installation scripts using BASH, and later RPMs
- Developed prototype for secure, online, billing system using PERL, Apache and MySQL.
- Developed a custom backup and restore program for application specific files using C, Embedded PERL and tar
- Wrote C programs to work around a FDA regulatory issue with the IRIX Operating System
- Served as third tier application support and assisted on high-profile installations

**1999-2000**

**Systems Engineer**

**Netsentinel**

- Designed and installed companies co-location data center using Cisco 7513s, Cisco Catalyst 6500s, Linux systems for BIND and custom management software
- Managed multiple-company product development team for Netsentinel's secure product line
- Managed customer systems with a variety of system and application needs
- Technical Lead for co-location facility build out to include spacing, power, monitoring and physical security

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**Other Professional Experience**

**1996-2000**

- CGI Programmer: Wrote PERL projects for websites (Acuity Development)
- Desktop Support: Supported end-users with their PC needs (LINE Imaging)
- System Installer: Installed and configured systems and software (Integrated Healthcare)
- Lab Assistant: Supported students with technical problems ( DeVry)

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**US Army Experience**

**1992-1996**

- Honorably Discharged as Corporal (E-4)
- Served as Communications Chief
- Operated and Installed tactical communication equipment
- Maintained 100% accountability of classified materials including SINCGAR electronic keys
- Installed and maintained network system integrating PCs and mainframe technologies (IBM's PROFS)