

## Objective

- Motto: "*MY JOB is to make YOUR job easier.*"

To solve problems; to fix things. To draw upon my experience and expertise as a *Unix Systems Administrator* and *Perl Systems Programmer* with *Oracle and MySQL Database Experience* to help enhance and support mission-critical applications for a fast-paced, high-tech company. To help make life better.

## Skills / Capabilities [Select Qualification(s) for Further Details]

- **UNIX** (Solaris, Linux, BSD, Mac OS X)  
Experience designing, configuring and maintaining Solaris, Linux and Mac OS X operating systems. 24x7 on-call support for Network Operations and Information Technologies. Familiar with Veritas, NetBackup, HP Openview and BMC Patrol management systems.
- **NETWORK** (Cisco, 3Com, TCP/IP, VPN)  
Confident administering Checkpoint Firewall, Cisco, 3Com and Foundry network hardware. Experience troubleshooting collocated production facilities worldwide. Well-versed in TCP/IP topology, load balancing, firewalls, traffic shaping, VPN and Network Address Translation.
- **PROGRAMMING** (Perl, Shell, Java, CGI)  
Fluent writing applications and scripts in Perl and Unix shell. Experienced writing web-based tools; HTML, CGI, XML. Capable of debugging Java and C/C++ applications. Familiar with bioinformatics, including BLAST, Smith/Waterman and HMMer gene sequence analysis tools.
- **DATABASE** (Oracle, MySQL, DBI/DBD)  
Capable of installing and configuring Oracle and MySQL databases. Knowledge of Structured Query Language (SQL), Perl DBI/DBD modules and Java JDBC, as well as DBA administration (*E.g.*, extent and tablespace management and system-level backups, etc.)

## Work History / Experience [References upon request]

- 3/2000 - Present - *Systems Administrator - Parabon Computation, Inc.* - Fairfax, VA  
Currently serving as principal Systems Administrator for distributed-computing startup with applications in bioinformatics and computer-generated imaging. Have developed tools to monitor and maintain global, massively-parallel supercomputing platform and internal corporate network.
  - Engineered secure VPN connection linking remote colocation facilities with company headquarters.
  - Managed Oracle tablespaces and datafiles to provide more efficient use of storage space.
- 4/1997 - 3/2000 - *Systems Programmer - UUNET Technologies, Inc.* - Fairfax, VA  
Worked in Server Operations and Internal Support department supporting Network Operations Center and Technical Support. Involved in Y2K upgrade and certification process.
  - Coordinated SunOS 4 to Solaris 2 workstation upgrade. Provided transition path for legacy applications.
  - Standardized Unix desktop environment (dotfiles, *etc.*) for thousands of new hires and existing employees.
- 7/1996 - 4/1997 - *Systems Administrator - Network Solutions (InterNIC)* - Herndon, VA  
Administered systems for then-exclusive registrar of all .com, .net and .org domains, before ICANN.
  - Deployed corporate Intranet; developed web-based applications to enhance Customer Service.
  - Wrote interactive whois client; designed numerous utilities to manage domain registration.
- 12/2001 - 4/2002 - *Snowboard Instructor - Steamboat Ski Resort Corp.* - Steamboat Springs, CO  
Though not computer-related, teaching snowboarding at one of northern Colorado's premiere ski resorts greatly enhanced my ability to deal with customers (including children) in a professional, yet engaging manner.

I quickly learned to assess students' learning styles and adapt lessons accordingly, all while maintaining control over the class as a whole (Keeping track of a dozen vacationing nine-year-olds can make monitoring hundreds of computer systems seem like a walk in the park!)

  - A.A.S.I. (American Association of Snowboarding Instructors) Certification

## Education

- 1992 - 1996 - *University of Maryland* - College Park, MD  
Majored in Computer Science; DNF  
Completed 400-level courses in Data Structures, Algorithms and Programming Languages.  
Worked seven semesters as a Student Staffer (*i.e.* Unix Operator) for the Computer Science Department.