

DAVID ADA-WINTER

SUMMARY:

- 20 years experience with financial companies such as Univest Securities, Morgan Stanley, Marsh & McLennan, Dreyfus, The Federal Reserve and Goldman Sachs and with technology firms like IBM.
- 12 years of PHP and MySQL experience.
- Worked on High Traffic Content site at Morgan Stanley.
- Experience with UNIX, LINUX, MS-Windows and mainframe systems and has programmed in PERL, BASH, C/C++, HTML, JAVASCRIPT and PHP extensively. Expert with major databases such as PHP, MySQL and others as well as scripting such as BASH and PERL. Extensive experience with UNIX/LINUX servers, TCP/IP networks and client-server architectures as well as WEB based systems. Accustomed to work in high stress environment with brokers and legal staff.

EXPERIENCE:

03/2007 – Present

Univest Securities, Inc. - NYC

PHP MySQL Perl Programmer

- Administered and developed SQL scripts for MySQL Database. Maintained and configured Squirrel Mail using PHP and HTML programming. Developed numerous PHP scripts for database administration via WEB interface. Developed www.winstrade.net and www.univest.us WEB sites in PHP/HTML with MySQL back end. Developed PHP/MySQL module with PERL loader to update commission information via the WEB interface.
- Created PERL and PHP server side modules to serve this information via Univest's English language WEB site www.univestsecurities.com
- Developed PHP and PERL server side components to Univest's Chinese language WEB site www.univest.us
- Developed numerous PERL text processing scripts as LINUX and SOLARIS system administrator.
- Developed additional reporting PERL scripts to SQL*Ledger, a PERL and PostgreSQL based accounting system. Participated in installation and configuration of LINUX and SOLARIS servers using RedHat and Slackware technology. As system administrator responsible for load balancing, LINUX kernel configuration and tuning as well as compilation. As system and network administrator, installed and configured and tested Volume managers and clustering systems.
- Installed and configured JOOMLA content management tool and MySQL-based WEB site www.eskuvoiruha.com .
- As system and database administrator, developed, reworked and modified numerous PERL system administration and database scripts. Installed and modified SQL*Ledger, a PERL and WEB-based accounting system.
- Developed PERL scripts for real time market data access on Univest WEB servers.

08/2006 – 03/2007

Morgan Stanley, Inc. – NYC

UNIX Consultant

- Developed C application from December 2006 to March 2007 running on LINUX to simulate NYC regional outage for London-deployed LINUX servers, Windows 2003 servers and Windows XP clients; tested and documented developed application called Project "Blackhole".
- Participated in the team effort of Business Continuity Plan on the Heathrow Tertiary Data Center Project. Participated in creation of an alternative data center for client-server (distributed) applications, Sybase Databases. Duplicated mission-critical mainframe operations of New York functions in Morgan Stanley's London site.
- Worked towards a test of Morgan Stanley's BCP backup site in London from September of 2006 to November of 2006.

1999 – 08/2006

Univest Securities, Inc. - NYC

PHP/C++/PERL Developer and MySQL and PostgreSQL Administrator

- Developed PHP/HTML software with MySQL back end for www.newstolearn.com
- Performed Database and WEB integration using PostgreSQL and MySQL 4.
- Developed numerous PERL data loading scripts into MySQL database.
- As system administrator, built and configured DNS and NFS servers.
- Built and configured CISCO and LINUX firewalls.
- Administered NT servers.

- Developed UNIX and LINUX shell scripts using PERL and BASH.
- Configured NIS to standardize host and network files enterprise wide. Experimented with NIS+ and configured NIS+ tables to port NIS functions to SUN SOLARIS.
- Installed and maintained RAID systems, performed disk tasks such as disk mirroring, online, load balancing for frequent database access, disk recovering, managing disk groups and performed hot relocation with VERITAS VOLUME MANAGER version 3.2 and 3.3.
- Installed, configured, programmed and performed support role for securities broker on Thomson One trading product and Classic ILX, a real time quote system.
- Performed UNIX/LINUX system administration, maintenance and configuration scripts using PERL and BASH.
- Converted Sybase legacy database to Oracle 10.2.
- Installed and configured 3A Employee Monitoring system with Oracle 10.2.
- Developed applications using MOD_PERL, PHP, HTML, and C/C++.
- Established a server farm with internet super server using Slackware LINUX hosting 18 WEB sites, email via sendmail, WEB-based email using Squirrel Mail, WEB development using PHP, HTML and CGI scripting using PERL; DNS Server.
- Performed Database and WEB integration using Oracle 10.2 RDBMS and MySQL 4.
- Developed PERL CGI scripts to connect HTML pages directly to email files, system files and Oracle 10.2 database.
- Coded PERL CGI script to email maintenance data for LINUX system administration purposes.
- Developed a programmed trading application to trade securities and options using TradeStation from Trade Station Securities, using EasyLanguage. TradeStation is an internet-based datafeed with a programmable front end.
- Created a Document Management System according to latest SEC standard. Store electronic records according to NASD requirements.
- Developed PERL CGI script to submit Credit Card information to PayPal for internet payment.
- Programmed and installed internet store for a software sale WEB site www.nasatrade.com, developed using PERL, HTML, PHP, MySQL 4 the Univest Securities, Inc. WEB site www.univestsecurities.com .
- Performed System Administration duties on UNIX, LINUX and Windows systems. This entailed LOG file analysis, performance tuning, load balancing, etc.

1997 – 1998

Marsh and McLennan, Inc. - NYC

UNIX/LINUX/SOLARIS System and Oracle Database Administrator

- **Database Administration** of Oracle RDBMS on HPUX and SOLARIS platforms, Database Installation on HP and SUN Platforms, Cooperation with WEB team for internet integration. Functioned as **Database Administrator** created several PERL and BASH scripts related to **Oracle Database Administration**.

1997

Consultant - Metropolitan Transit Authority - Brooklyn, NY

- Working with Data Team on new **Relational Database Design**, Participating in Program and Program Flow Design, Migrating old COBOL code to modern C/C++ on HP platform. Functioned primarily as Data Designer. Participated in ported old mainframe application to HPUX.

1996 – 1997

Consultant - Dreyfus Corp. - Wilton, CT

- **Developed a three tiered Risk Management application** for Dreyfuss using C++ and Oracle. Performed support duties for Oracle Relational Databases for **Coffee and Grain Futures Trading Floors** on Novell Netware Platform, Working with Design and Program Team on Platform Specific Integration Issues. **Working with futures brokers** on programming and **Oracle database** administration related issues.

1995 – 1996

Consultant - Federal Reserve Bank of New York - NYC

- Administering Oracle Databases to various departments of the Bank, Working with Design and Program Teams on Database integration. Functioned primarily as **Oracle Database administrator**, developed numerous UNIX shell scripts in PERL and Borne Shell related to **Oracle programming** and database administration. Worked with **SQL programming** team on Oracle related issues.

1994 – 1995

Consultant - Goldman Sachs, Inc. - NYC

- Working with Database Group on ongoing Sybase Administration issues. Working with System Design Team on **Database related design** issues. Functioned primarily as **Sybase database administrator** and programmer. Developed Borne Shell scripts as well as C programs for bookkeeping and accounting purposes.

1993 – 1994 Consultant - IBM - Tarrytown, NY

- Participated in AIX Operating System Development for IBM. Worked with AGORA Group on Design and Implementation for Serial Line Interface Protocol for IBM RS6000 using UNIX shell script and C.

1992 – 1993 Consultant - AT&T - Bridgewater, NJ

- Worked with a team of consultants redesigning mainframe-based database and moving it to RISC-based **Oracle Platforms**. Installing and administering **Oracle databases**, participating in Design and Implementation of a three-tiered interoffice environment. Functioned in the team effort as Oracle database designer, administrator and programmer. Developed several UNIX scripts for data migration.

**1990 – 1992 Knight-Ridder Corp. - NYC
 System Programmer**

- Functioned as programmer and program designer for financial news feed applications. Participated in **application development team work for Trading Systems**.

**1989 – 1990 FD Consulting, Co. - Staten Island, NY
 Support Analyst and UNIX System Administrator**

- Worked first as Support person and then as programmer for MIPS, Market Information Platform System, a real-time market data application on SUN SOLARIS. Developed components of the application using C and UNIX shell scripts.

**1988 – 1989 B&H Electronics, Corp - Monroe, NY
 HPUX System Administrator**

- Worked as UNIX system administrator on HPUX platforms. Worked with engineering team, installed and upgraded HPUX operating system. Developed UNIX scripts for a team of engineers to solve engineering problems. Also, developed an accounting system using Mac II and AUX.

**1987 Columbia University Presbyterian Hospital Cancer Center - NYC
 Programmer**

- Functioned as FORTRAN programmer. Worked with a team of doctors and programmers on cancer administration issues.

EDUCATION:

- Trade Station Strategy Application Development Course - August, 2005
- Sybase Database Administration course - Sybase Corp. - 1998
- Oracle RBMS Administration - Oracle Corp. - 1994
- HP-UX UNIX System Administration - Hewlett-Packard Corp. - 1988
- MS in Computer Science and Semiconductor Engineering 1984 - Kando University, Budapest, Hungary
- BS in Computer Science 1982 - Kando University, Budapest, Hungary