Ruben Safir

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718-715-1771

**Summary of Qualifications:**

Experienced C and Perl programmer on the GNU/Linux and Unix platform, with extensive background in Perl and LAMP technologies, SQL databases, and basic administrative duties. Advanced knowledge of C++, Shell Scripting, Oracle, and a variety of other languages.

**Education**

**Long Island University, Brooklyn, NY**

Masters Degree in **Information Systems and Computer Sciences**

Expected Graduation Date May 2017

**Oracle University, New York, NY**

DBA, SQL Plus, PL/SQL

**New York University, New York, NY**

SCPC C++ and Unix programming

**C.O.P.E Institute, New York, NY**

Oracle DBA, C Programming, Shell Scripting and SCO

**Long Island University, Brooklyn, NY**

Bachelors of Pharmacy

**Professional Experience**

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| **NYLXS** | **New York, NY** |
| *Program Manager and Organizer* | 2000 - Present |

* Organized NYLXS as a non-profit Free Software Training and Education Institution 2000.
* Perform computer related tasks including establishing and maintaining the web presence, with Apache, Perl, Embperl and MYSQL.
* Run the mailing list and handle social media.
* Teach courses and workshops in Perl, C, C++, Linux System Administration, and Kernel Development

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| **Brooklyn Linux Solutions** | **Brooklyn, NY** |
| *Technology Specialist and CEO* | 2000 - 2003 |

* Managed 8 employees including 1 sales rep, 4 general technical staff, 1 Microsoft integrator, and 2 software developers.
* Developed small business networks, with desktops, email services, file sharing, VPN and secure access
* Installed and created Telephony systems for international VOIP calling
* Secured the network with IPTables. TCP/IP configuration
* Configured Sendmail and Postfix, with popmail (Dovecot and Mailman)
* Developed and programmed E-commerce and web services.
* Allowed for organizational wide file sharing with SAMBA
* Created Customer Software Development with GTK, C and Perl for multiplatform clients

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| **NYU College of Dentistry** | **New York, NY** |
| *Program Manager and Intranet Services* | 1997 - 2000 |
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* Manager of Intranet, Software Development and Project Manager
* Specialized in database driven Web Programming using DBI, ModPerl and Perl
* Installed and imported the clinical database to Oracle on Red Hat Linux
* Completed byte by byte translation of a proprietary clinical database into MYSQL with a hex editor and Perl. This was a large reverse engineering job
* Trained many students and employees who are now all working across NYC in a variety of large and small firms. Trained in programming and management, with emphasis on reusable coding technique, library development, and public speaking and presentation skills.

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| **Brooklyn On Line** | **Brooklyn, NY** |
| *Web Developer* | 1994-1998 |

* Performed HTML editing
* Developed graphics design, animation and photography
* Reported the news including interviews and fact checking.
* Was responsible for overall website development, developing new templates and experimental techniques in the young internet.

**Computer Skills**

**Office Skills**

* Proficient in nearly all Word Processors and Open Office
* Experienced with a wide variety of desktops including KDE, Gnome and MS Windows.
* Familiar with variety of Graphics Programs including but not limited to the GIMP and Photoshop.
* Video editing experience
* Familiar with flowcharts, and UML

**Computer Administration Skills**

* Command line shell usage on Unix and Linux
* OpenSSH
* Experiences with SMB, and NFS file sharing networks
* Worked with Postfix, and Sendmail
* Proficient with CUPS Printing
* Skilled with a variety of databases.
* Skilled in the set up and configuration of Apache
* Basic knowledge of DNS and BIND

**Programming Skills**

* Familiar with autoconf, make, and GCC.
* C Programming, pthreads
* Java Basics, JAVAC, Gradle
* C++ and Templates
* HTML
* Compiler Theory
* Perl
* Bourne Shell, AWK and Unix Power Tools
* CLIPS expert systems
* DFD construction
* SQL, PLSQL, et al
* Vim

**General Office and Organizational Skills**

* Excellent writing skill
* Have written and implemented SOPS.
* Positive track record with managing people and empowering groups to reaching goals.