

LUIS EDUARDO VIVERO PEÑA

Electronic Engineer / Linux System Administrator / Linux and LDAP expert

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OBJECTIVE:

Utilize my skills, experience, flexibility and creativity to solve problems and provide value to a company in the IT industry, getting a challenging position where I can grow and continue building my career.

EDUCATION AND CERTIFICATIONS:

2010, ITIL Foundations Certified.

1992-1998, Technical University Federico Santa María, Valparaíso; Electronic Engineer, specialized in Automatic Control and Digital Systems.

AREAS OF EXPERTISE:

Specialist on linux system administration (Red Hat and Debian GNU/Linux), LDAP services (Oracle Internet Directory, Fedora Directory Server/Project-389, CentOS Directory Server) and critical system administration.

PROFESSIONAL EXPERIENCE:

December 2007 - current position: Support Engineer (Identity Management Team) at Oracle Chile. Supported the Oracle Internet Directory product (mainly on linux), including Advanced Symmetric Replication (Multimaster Replication) and synchronization with Active Directory.

October 2006 to november 2007: Support Engineer at Sixbell/Nekotec. Supported linux and HP-UX platforms. Advanced network configuration. Lived at Lima-Perú during 10 months, working onsite.

November 2005 to october 2006: Project Engineer at Tecnet-Chile. Administered, installed and configured the OASyS distributed control system (SCADA for electric power distribution), on linux, HP-UX and Tru64 operating systems.

May to October 2005: Dictated the courses "Linux Server Administration" and "Linux Security". Developed the matherial for these courses. Corporación Linux S.A.

November 2004 to April 2005: Project Engineer. Project design and system administration on Linux. Corporación Linux S.A.

February 2002 to March 2004: PI-SYSTEM Administrator and web developer. Perl and Visual Basic programmer. "Minmetal Ingeniería y Proyectos". Codelco, "División El Teniente".

July 2001 to January 2002: Software installation on linux for bioinformatics, network services configuration, samba configuration, server for user accounts implementation. Hardware installation. Bioinformatics Area, "Centro de Biotecnología", U.T.F.S.M.

May 2001 to November 2001: Thesis: "Base for biosensor of glucose, implementation. Instrumentation, data acquisition and monitoring on linux operating system". "Centro de Biotecnología", U.T.F.S.M.

March to December 2000 and March to May 2001: Network Operator, Electronics Department, U.T.F.S.M.

November 1999 to February 2000: Corrective maintenance of slot machines with weight, height and pressure systems for Etesa S.A. Iquique, Chile.

April to June 1998 and March to October 1999: Maintenance of machines and others for "Casino de Juegos de Iquique".

July to October 1998: Instrumentist. Maintenance of an DSC (distributed system control, OPTO 22). Calibration of the following instruments: Redox Transmitters, Ph, level, automatic valves, weights. Calibraciones Industriales.

March 1998: Computer Instructor (Windows 95) for teachers. This was made in the rural city "Colchane", in the border with Bolivia.

January to February 1996: Professional Practice in "Refinería de Petróleo Concón": Automatic control implementation for sulfuric acid concentration in a regenerator plant.

NETWORKING, SERVICES AND OPERATING SYSTEMS

Networking and Services:

- Channel Bonding implementation on Linux.
- Network interfaces configuration with Virtual Lan on Linux.
- Virtual Lans configuration over Channel Bonding on Linux.
- Networks implementation: router, PC plus Linux and Iptables/Linux.
- Firewall statefull implementation (with Netfilter/Iptables/Linux).
- Services: **DHCP, DNS/Bind9, SMTP/Postfix, NFS, HTTP/Apache and Apache2. High Availability/Heartbeat.**
- Suite Open-Xchange 0.8.0.

Operating Systems:

- Advanced Linux administration (Debian GNU/Linux, CentOS 5, Red Hat AS 3.0, 4.0, 5.0, Suse 9.2).
- Basic Solaris 10, HP-UX, and Tru64 administration.

Programming:

- Shell scripting - advanced level.

Other:

- Latex text editor, OpenOffice.org 3.0.
- MySQL and ORACLE RDBMS basic administration.

TRAINING:

- 2010: ITIL Foundations, IT-Institute. Santiago, Chile.
- 2009: Identity Management 11g, Oracle Education, San Francisco/California, USA.
- 2009: Introduction to Weblogic. Internal Oracle training. Santiago, Chile.
- 2009: Java Awareness. Internal Oracle training. Santiago, Chile.
- 2008: Oracle Application Server: Administration II, Santiago, Chile.
- 2008: Oracle Enterprise Manager 10g Grid Control Ed 2, Santiago, Chile.
- 2008: Oracle Database 10g: Administration Workshop I Ed 3, Santiago, Chile.
- 2008: Oracle Database 10g: Program with PL/SQL Ed 2, Santiago, Chile.
- 2007: Oracle Application Server 10g R2: Administration I Ed 2, Santiago, Chile.
- 2007: Oracle Database 10g: Administration Workshop I Ed 3, Santiago, Chile.

- 2007: Cantata software (SnowShore), Sixbell/Nekotec, Santiago, Chile. Media server via voIP.
- 2006: Training on site of the DCS OASyS (an electric control system), Edenor, Mendoza, Argentina.
- 2006: Training about the DCS OASyS (an electric control system), Tecnet-Ibermática, Buenos Aires, Argentina.
- 2002: Training in Knowledgecape, adaptive optimization and expert control. Molycop Chile S.A.
- 1998: Calibration and maintenance of weight patterns. Clasification and calibration of scales, Dolz Hnos SRL. Iquique, Chile.
- 1998: Techniques of selection for a programmable logic controller. Iquique, Chile.
- 1998: Fisrt aid training, "Asociación Chilena de Seguridad", Iquique, Chile.

SPEECHES AND RESEARCH:

- January 2010: "Use and adoption of free software in latin american governments", Universidad Inca Garcilaso de la Vega, Lima/Perú.
- November 2009: "Directory services, basic concepts, tools and multimaster replication", Encuentro Linux 2009, Valparaíso/Chile.
- September 2009: "Use and adoption of free software in latin american governments", Free Software Day, Santiago/Chile.
- April 2009: In charge of the organization of the "Festival Latinoamericano de Instalación de Software Libre" (Flisol) 2009, Chapter Santiago.
- September 2008: "WEB content control based on Free Software" speech. Free Software Day, Universidad de Chile, Santiago.
- August 2008: "Relevance of the social/tech job in community", OpenCommunity, Santiago/Chile.
- November 2007: "Hacktivism in Europe and Latinoamerica" speech, Latinoware, Foz do Iguazu/Brasil.
- October 2007: "Channel Bonding and Virtual Lans on Linux" speech, in the Hack'prendiz HackMeeting, KernelHouse, Santiago/Chile.
- June 2007: "Security in Services" speech, "Universidad de Lima", Lima/Perú.
- April 2007: "Hacklabs in Latinoamerica" speech, Flisol 2007 Perú, Cevatec, Lima.
- March 2007: "Hacktivismo and Hacklabs" speech in the Linux Week event, "Pontificia Universidad Católica del Perú", Lima/Perú .
- January 2007: "Hacktivism" speech, in Cevatec institute. Co-panelist with Diego Saravia (Ututo Project), Lima/Perú.
- March 2006: In charge of the organization of the "Festival Latinoamericano de Instalación de Software Libre" (Flisol) 2006, Santiago chapter. Santiago/Chile.
- October 2005: "The Linux Firewall" speech, in the 6th "Encuentro Nacional Linux", Iquique/Chile.
- May 2005: "Introduction to Linux" Seminar for MMUG, Santiago/Chile.
- December 2004: "Migrating to Linux" speech, Expolinux 2004. Santiago, Chile.
- July 2004 : "Introduction to the Perl Language" speech, "DCC - Universidad de Chile".
- July 2004: "The Linux Desktop" Workshop, in the "Colegio de Profesores" OTEC, Santiago, Chile.
- November 6-10 2001: "Oral Communications, Society of Biology of Chile, Pucón: "Implementation and testing of an analysis system of an AND secuencia in big scale, based in a PC/Linux system". Canales, M., Vivero L. y Peña-Cortés, H. Biological Research Vol.34 Nº 3-4 pp. 153-244 R-56.
- September 2001: Electric stress in tomato plants, for Dr. Hugo Peña-Cortés. "Centro de Biotecnología", U.T.F.S.M.

- November to December 2000: Investigation job related to "New sensors for the industry: Biosensors and Nanosensors", for Dr. Juan Hernández Sánchez, U.T.F.S.M.
- October-December 2000: Implementation of the "potensiometric" technique for specific electrodes. "Centro de Biotecnología", U.T.F.S.M.

OTHER STUFF:

- Written and spoken english.
- Free software activist.
- Driver licence clase B.