

Lisandro Damián Nicanor **Pérez Meyer**

PERSONAL INFORMATION I'm an argentinian living in Bahía Blanca, Argentina.

CONTACT INFORMATION
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EXPERIENCE

Debian project collaborator since 2007, Debian Developer since September 25th 2011
<http://wiki.debian.org/DebianDeveloper>

- <https://contributors.debian.org/contributor/lisandro/>
- <https://salsa.debian.org/lisandro>
- <https://qa.debian.org/developer.php?login=lisandro@debian.org>
- Programming and packaging experience with Qt (<https://www.qt.io/>).

Graduated research assistant (CPA) for the CICPBA (<https://www.cic.gba.gob.ar/>) in the GISEE (<http://www.gisee.uns.edu.ar/>) since May 2012.

- Experience in LoRa network deployment.
- Software design and development for project MoSimPa (<https://mosimpa.gitlab.io/>):
 - Architecture design.
 - Backend programming (<https://gitlab.com/mosimpa/datakeeper>): C++, Qt, MQTT with mosquito, PostgreSQL.
 - User interfaces programming (C++, Qt, MQTT with mosquito)
 - <https://gitlab.com/mosimpa/monitor>
 - <https://gitlab.com/mosimpa/abm>
 - Project documentation following the IEC 62304 “Medical device software — Software life cycle processes” standard.
 - <https://mosimpa.gitlab.io/documentation/>
 - <https://www.iso.org/standard/38421.html>
 - Software programming on parts of the device’s firmware: C++, ESP32 con el SDK de Arduino.
 - <https://gitlab.com/mosimpa/esp32-firmware>
- Low-power embedded systems programming based on Nordic nrf51822, esp8266 and esp32.
- CAN networks development and implementation using microcontrollers and Linux.
- GPS-based agricultural navigation system development.
- Embedded systems’ rootfs creation and maintainance using Debian, OpenEmbedded and Yocto.
- IoT system programming based on cellular networks.
- Design, development and deployment of a weather station network.
<https://www.bcp.org.ar/Estaciones/Info.asp?pagina=Mapa.asp>
 - Designed and coded the backend.
 - Helped to design the station’s firmware.
- Programming and packaging experience with Qt (<https://www.qt.io/>).
- Knowledge on Linux-based embedded systems. BSP handling.
- GNU/Linux system administrator for:
 - Mosquitto server.
 - SSO with LDAP+Kerberos.
 - NFS.
 - μ Electronics CAD software (Cadence, Synopsys, Mentor).
 - Flexlm daemons.
 - Apache web server.

- X2Go.
- Gitolite.

Miscellaneous.

- Co-author of QAntenna, a multi platform application for analyzing and visualizing of antennas and radiation patterns. <http://qantenna.sourceforge.net/>.
- Programming of part of the simulations used for the PhD. thesis “Estadística de procesos estocásticos con aplicaciones a modelos epidémicos” (Stochastic process statistics with application to epidemic models) of the Licenciada en Matemáticas Ana Tablar, UNS. Director: Dr. Gonzalo Perera, Uruguay.
<https://inmabb-conicet.gob.ar/cgi-bin/koha/opac-detail.pl?biblionumber=6864>
- Supervised professional practice based on IP telecommunications systems over HFC networks. Held in Punta Alta Digital, part of the Cooperativa Eléctrica de Punta Alta.
- Installation of IP centrals with POTS and GSM connections.
- Pre-graduate thesis in VoIP telephony in the UNS.

TEACHING EXPERIENCE

Universidad Nacional del Sur, Bahía Blanca, Argentina.
Teaching assistant “A” (2010) and “B” (October 2006 to December 2009) Principios de Computadoras II (2801), Departamento de Ingeniería Eléctrica y Computadoras. Second programming lecture for electronic engineers.

DEVELOPER PROFILE

- <https://gitlab.com/perezmeyer/>
- <https://github.com/perezmeyer/>
- <https://perezmeyer.blogspot.com/>

EDUCATION

Universidad Nacional del Sur (<http://www.uns.edu.ar/>), Bahía Blanca, Buenos Aires, Argentina.

Electronic Engineer, June 2009.

CONFERENCES AND TALKS

Talks given:

- “Software libre en dispositivos médicos. El caso del proyecto ‘Monitoreo simplificado de pacientes en situación de internación masiva (MoSimPa)’”. August 25th 2020.
<https://debconf20.debconf.org/talks/96-software-libre-en-dispositivos-medicos-el-ca>
- “El hombre que hace Linux” (The guy who does Linux). Jornadas de posgrado 2011 DIEC-IIIIE, Universidad Nacional del Sur (UNS). May 10-11 2011.
- “Linux en la tostadora: una breve introducción al desarrollo de sistemas embebidos con GNU/Linux” (Linux in the toaster, a brief introduction to embedded systems development with GNU/Linux). SIAG, Base Naval Puerto Belgrano, 14/12/2010.
- “Linux en la tostadora: una breve introducción al desarrollo de sistemas embebidos con GNU/Linux” (Linux in the toaster, a brief introduction to embedded systems development with GNU/Linux). Jornadas del Sur, August 16 2009. <http://www.jornadasdelsur.org.ar/>.
- “Introducción al desarrollo multiplataforma con Qt” (Introduction to multiplatform development with Qt). CDC UNLuX, November 3rd 2007. <http://www.unlux.com.ar/>.
- “Introducción al desarrollo multiplataforma con Qt” (Introduction to multiplatform development with Qt). 6^o CafeConf, August 5 and 6th 2007. <http://www.cafeconf.org/>.

Lectures dictated:

- GNU/Linux para seres humanos V0.2 (GNU/Linux for human beings), August-September 2007, organized by BBLug, IEEE student chapter at UNS, the Centro de Estudiantes de Ingeniería y Agrimensura y el Centro de Estudiantes de Computación de la UNS.
- GNU/Linux para seres humanos (GNU/Linux for human beings), August 23, 24, 29 y 31 2006, organized by BBLug, IEEE students chapter at UNS and Centro de Estudiantes de Ingeniería y Agrimensura.

Organized:

- Eighth annual conference of the Debian project (DebConf 8), held in Mar del Plata, Argentina, August 2 to 17 2008. <http://debconf8.debconf.org/>.
- Escuela Argentina de Microelectrónica, Tecnología y Aplicaciones (EAMTA) (Argentinean School of Micro-Nanoelectronics, Technology and Applications) 2006 and 2007.
- Reunión de Trabajo en microelectrónica y sus aplicaciones (Workshop in microelectronics and it's aplicaciones) – April 28 and 29th 2005.
- CASTour 2004 – November 18 and 19th 2004.

PUBLICATIONS Exploring UltraSPARC T2 Processor Parallel Processing Capabilities in Video Streams. Javier Iparraguirre, Claudio Delrieux, Lisandro Pérez Meyer, Adrián Rostagno (Universidad Nacional del Sur, Laboratorio de Ciencias de las Imágenes, Bahía Blanca, Argentina; Universidad Tecnológica Nacional, Facultad Regional Bahía Blanca, Bahía Blanca, Argentina). (3355-3358). *3rd High-Performance Computing Symposium (HPC), 39 Jornadas Argentinas de Informática (39 JAIIO)*, Argentina, September 2010.
<http://39jaiio.sadio.org.ar/sites/default/files/39jaiio-hpc-15.pdf>

Automatic Real Time Key-frame Detection in Video Stream Using SURF Algorithm. Javier Iparraguirre, Claudio Delrieux, and Lisandro Pérez Meyer. Departamento de Ingeniería Eléctrica y de Computadoras. Instituto de Investigaciones en Ingeniería Eléctrica - IIIE (UNS-CONICET) Universidad Nacional del Sur. (1610-1613). *3rd High-Performance Computing Symposium (HPC), 39 Jornadas Argentinas de Informática (39 JAIIO)*, Argentina, September 2010.

QAntenna: una aplicación multiplataforma para el análisis y visualización de antenas y patrones de radiación. Gustavo González, Lisandro Pérez Meyer, Pablo Odorico, Ricardo Coppo y Claudio Delrieux. Depto. de Ingeniería Eléctrica y Computadoras, Universidad Nacional del Sur; Depto. de Ciencias e Ingeniería de computación, Universidad Nacional del Sur. WICC 2007, Trelew, Chubut, Argentina.
<http://sedici.unlp.edu.ar/handle/10915/20365>

GRANTS
OBTAINED

- PID with the Defense Ministry of Argentina #25 (PID-DEF #25), titled “Gateway de comunicaciones Link-ARA/Link-Y” (Communications gateway Link-ARA/Link-Y). Directors: Pablo Mandolesi, José Luis Pasciaroni. Start: Noviembre de 2010. End: May 2012. Work place: IIIE-UNS.
- Research with PGI 24/k037.

LANGUAGES English and Spanish.