

RESUME



PERSONAL INFORMATION

Name Luis Marcél Barrero Mendizábal
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barrero@ieee.org
Nationality Bolivian
Date of birth April 15, 1971

WORK EXPERIENCE

Dates From 1994 to 1996
Company Name and Address Simón I. Patiño University Center
Geneva – Switzerland
Type of company or sector Educational Foundation
Position or position held Computer Systems Manager
Main activities and responsibilities Data Network Design and Administration User
Support

Dates From 1995 to 1996
Company Name and Address Parly Company S.A.
Geneva – Switzerland
Type of company or sector International Finance
Position or position held Systems Administrator
Main activities and responsibilities Installation and Administration of Operating Systems
Design and Administration of the Data Network
User Support

Dates From 1995 to 1996
Company Name and Address University of Geneva
University Centre for Informatics
Geneva – Switzerland
Type of company or sector Higher education
Position or position held Teleinformatics Laboratory Assistant
Main activities and responsibilities Internship preparation
Work with students

Dates	From 1997 to 1999
Company Name and Address	ILACO Project La Paz t
Type of company or sector	Ministry of Finance project financed by the World Bank
Position or position held	Technical Support Group Leader
Main activities and responsibilities	Systems Administration User Support Installation and Administration of Internet Services Nationwide Coverage
Dates	From 1997 to 1999
Company Name and Address	Universidad Católica Boliviana San Pablo Academic Unit of Cochabamba
Type of company or sector	Higher education
Position or position held	Teacher Thesis Tutor Systems Administrator
Main activities and responsibilities	Systems Administration User Support Installation and Administration of Internet Services Course Manager Thesis Tutor
Dates	From 1998 to 2000
Company Name and Address	Universidad Católica Boliviana San Pablo Academic Unit of La Paz
Type of company or sector	Higher education
Position or position held	Teacher
Main activities and responsibilities	Course Manager
Dates	From 1997 to 2001
Company Name and Address	COGNOS S.R.L. La Paz
Type of company or sector	Continuous Training Consulting
Position or position held	Academic Director Instructor Consultant
Main activities and responsibilities	Course Design Course Manager Consultancies

Dates	From 1999 to 2002
Company Name and Address	Cervecería Boliviana Nacional La Paz
Type of company or sector	Industrial
Position or position held	External Consultant
Main activities and responsibilities	Installation and management of Internet services
Dates	From 2000 to 2001
Company Name and Address	UNITED FURNITURE INDUSTIRE S.A. La Paz
Type of company or sector	Industrial
Position or position held	Systems Administrator
Main activities and responsibilities	Server Installation and Administration Installation and Administration of Data Transmission Network Services Installation and Administration of Internal Communication System User Support
Dates	From 2002 to 2003
Company Name and Address	Universidad Católica Boliviana San Pablo Academic Unit of Cochabamba
Type of company or sector	Higher education
Position or position held	Professor of the master's Program in Computer Science
Main activities and responsibilities	Course Manager
Dates	From 2004 to 2007
Company Name and Address	Universidad Privada Boliviana Santa Rosa – Cochabamba Campus
Type of company or sector	Higher education
Position or position held	Head of Electronic Engineering and Telecommunications Career
Main activities and responsibilities	Career Administration
Dates	From 2005 to 2019
Company Name and Address	Universidad Privada Boliviana Santa Rosa – Cochabamba Campus
Type of company or sector	Higher education
Position or position held	Teacher at University Extension
Main activities and responsibilities	Course Manager
Dates	From 2001 to date
Company Name and Address	Universidad Privada Boliviana Santa Rosa – Cochabamba Campus

Type of company or sector	Higher education
Position or position held	Head of Computer Systems Engineering Career
Main activities and responsibilities	Teaching Career Administration Thesis Tutor
Dates	From 2004 to date
Company Name and Address	Universidad Privada Boliviana Santa Rosa – Cochabamba Campus
Type of company or sector	Higher education
Position or position held	Professor of the Full Time MBA Program
Main activities and responsibilities	Course Manager

EDUCATION AND TRAINING

Dates	From 1989 to 1996
Type and name of the educational institution	University of Geneva – Switzerland (Fellow of the Simón I. Patiño Foundation)
Major areas of study or specialty	Computer science
Degree obtained	Diplôme en Informatique equivalent to master’s degree in computer science (Second Cycle)
Dates	From 2004 to date
Type and name of the educational institution	Universidad Mayor y Pontificia de San Francisco Xavier de Chuquisaca
Major areas of study or specialty	Education Sciences
Degree obtained	PhD Candidate – PhDc Thesis Concluded, Waiting for Date Scheduled for Lecture

MOTHER TONGUE Spanish

OTHER LANGUAGES

Language	French
Reading	<i>Excellent</i>
Writing	<i>Well</i>
Oral expression	<i>Well</i>
Language	English
Reading	<i>Excellent</i>
Writing	<i>Well</i>
Oral expression	<i>Well</i>

SOCIAL COMPETENCIES

Leader of national working groups. More than 150 people were in charge
Head of Career, training professionals who contribute to the development of the country.
Pioneer and Activist of the Free Software Movement in Bolivia
Counselor of the IEEE Student Branch at the UPB since its creation in 2010

ORGANIZATIONAL COMPETENCIES

Leader and Innovator
Responsible for important technological changes in the companies where he worked as a Systems Administrator.
Responsible for national projects.
Organization of departmental (CIProg, SINNTEL), national (UPB Robotics Day, BETCon) and international (COBOIM, ANDESCon) events.

TECHNICAL SKILLS

Network and Systems Administrator
Design of Data Transmission Networks.
Administration of Windows, Linux and Unix Operating Systems.

COMPUTER SKILLS

System Administrator: Linux, DEC OSF/1, SCO-Unix, Solaris, VAX/VMS, Windows Server.
Network Management: CISCO, HP OpenView, Cabletron Systems
Programmer: C, C++, C#, Java, PHP, Perl, Python, Javascript, ADA, Assembler x86, Visual Basic for Applications (VBA), Unix Shell Scripts, PowerShell, VHDL.
Office automation: Word, Excel, PowerPoint, Outlook, Access, Write, Calc, LaTeX.

ARTISTIC AND SPORTS COMPETITIONS

Active folklorist, defender of Bolivian culture and history.
Promoter of the Presence of the Oruro Carnival on the Internet.

ADDITIONAL INFORMATION

ACM

Professional Member since 1997

IEEE

Professional Member since 2004 Senior Member since 2011
Mentor of the IEEE-UPB Student Branch since 2010
Coordinator of the Educational Activities of the Bolivia Section in 2012

IEEE – Computer Society

Professional Member since 2004

Counselor of the Student Chapter of the CS at the UPB since 2015
Coordinator of the Educational Activities of the Bolivia Section in 2012

Internet Society – ISOC

Professional Member since 2004

Computer Science Teachers Association –CSTA/ACM

Professional Member since 2005

Ministry of Education of the Plurinational State of Bolivia

Plurinational Award for Science and Technology 2015
Second place in the area of Information and Communication Technologies