

LUCAS MARIANO GRIGOLATO

TELECOMMUNICATIONS ENGINEER

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EDUCATION

🎓 Instituto Balseiro (UNCuyo) [1]

Jul 2017 - Dec 2020

Telecommunications Engineering

San Carlos de Bariloche, Río Negro, Argentina

- 5.5 - years program
- Comisión Nacional de Energía Atómica scholarship for undergraduate students
- Final Project: *Digital beamformer for the reception of satellite signals* @ Telecommunications Engineering Department, Centro Atómico Bariloche



Facultad de Cs. Exactas, Ingeniería y Agrimensura (UNR)

Feb 2009 - Jul 2017

Electronic Engineering

Rosario, Santa Fe, Argentina

- 5 - years program, three years completed
- Obtained Bachelor degree

EXPERIENCE



Centro de Innovación Tecnológica [2]

Mar 2016 - Jul 2017

Instructor

Rosario, Santa Fe, Argentina

During the beginning of 2016 and mid-2017 I worked as an instructor of different IT-related courses at Fundación Libertad

- *Cloud Management with GSuite* (80 hours) - Empleartec Program
- *Cisco IT Essentials* (80 hours)
- *Microsoft Excel, Advanced Level* (12 hours) - 6 Editions



Consulado General de Chile en Rosario [3]

Sep 2013 - Jul 2017

IT Support Manager

Rosario, Santa Fe, Argentina

- Help Desk Manager for 7 employees
- Computer Hardware Maintenance
- Contact between the government of Chile and the consulate for the implementation of new IT solutions
- Implementation, administration, and management of computer network infrastructures
- Advanced software and hardware troubleshooting
- Remote support



Fundación Libertad [4]

Aug 2012 - Jul 2017

IT Support Manager

Rosario, Santa Fe, Argentina

- Help Desk Manager for 30 employees
- Computer Hardware Maintenance
- Implementation, administration, and management of computer network infrastructures
- Advanced software and hardware troubleshooting
- GSuite Administrator
- Web hosting and domain manager
- Remote support
- Active Directory Administrator (Windows Server 2008)

VOLUNTEER EXPERIENCE

☞ **Centro de Estudiantes del Instituto Balseiro [5]**

Apr 2019 - Dec 2020

IT Secretary

San Carlos de Bariloche, Río Negro, Argentina

- Elected by vote in 2019 and 2020
- Help Desk for \approx 200 students
- Administration, maintenance, and management of file servers and web servers
- Implementation and support of VPN solutions
- IT Purchasing Manager
- Contact between students and authorities of the Instituto Balseiro on issues related to IT

SKILLS

Programming Tools	Python, VHDL, C, C++, MATLAB, L ^A T _E X, Machine Learning, Visual Studio Code, GNU Radio, Xilinx Vivado, GitHub, VMware, Cisco Packet Tracer, VirtualBox, CST Studio, Advanced Design System
Networking	CCNA R&S (Level 2), pfSense, MikroTik, OpenVPN, WireGuard, Squid, Socket API
Telecommunications	Optical/RF/Wireless/Analog/Digital/Satellite Communications, Fundamentals of Optical Fibers, Digital/Statistical Signal Processing, Software Defined Radio, Beamforming
Operative Systems Languages	Microsoft Windows, Linux, Cisco IOS, RouterOS English (Advanced), Spanish (Native)

REFERENCES

[1] **Instituto Balseiro**

- Dr. Diego Grosz, Head of Department, Telecommunications Engineering, Centro Atómico Bariloche (grosz@ib.edu.ar)
- Dr. Santiago Hernandez, Final Project Advisor, Telecommunications Engineering, Centro Atómico Bariloche (shernandez@ib.edu.ar)

[2] **Centro de Innovación Tecnológica**

- Ing. Sebastián Bosch, Director, Centro de Innovación Tecnológica, Fundación Libertad (sbosch@edn.org.ar)

[3] **Consulado General de Chile en Rosario**

- Mrs. Arely Mella Contreras, Minister of Faith and Authorized Secretary, Consulado General de Chile en Rosario (amellac@minrel.gob.cl)

[4] **Fundación Libertad**

- Mr. Gerardo Bongiovanni, President, Fundación Libertad (gbongiovanni@libertad.org.ar)
- Lic. Ana Figueroa Casas, Director, Escuela de Negocios, Fundación Libertad (afcasas@edn.org.ar)

[5] **Centro de Estudiantes del Instituto Balseiro**

- Executive Committee (cdceib@gmail.com)