

# LUCAS MARIANO GRIGOLATO

## TELECOMMUNICATIONS ENGINEER

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📍 Pellegrini 868 P5 D4 ♦ Rosario (2000), Santa Fe, Argentina

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### EDUCATION

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🎓 **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

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**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

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☞ **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

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

## REFERENCES

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### [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)