

CURRICULUM VITAE

General

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<i>Date of Birth:</i>	08 st August 1993	<i>Nationality:</i>	Brazilian
<i>Contact:</i>	101 O'Brien St Bondi Beach NSW 2026 Ph: 0401 978 200	<i>Sex:</i>	Male
		<i>Marital Status:</i>	Engaged
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Career Summary

Proactive and highly dedicated professional with project experience in open-pit mine topography and geotechnical tests. Graduated as a geologist at the Federal University of Pampa and developed 3 research projects, highlighting the area of geotechnical engineering. During the internships experience in the following areas was acquired; surveying, using RTK, total station and drones, geotechnical investigations, performing permeability tests and standard penetration test and environmental management, using CAD and GIS software.

Principal Capabilities

Topography Techniques

- ✓ Collecting data using GPS Real-Time Kinematic (RTK).
- ✓ Operating total station and theodolites.
- ✓ Georeferencing of rural properties.
- ✓ Establishing UAVs routes for aerophotogrammetry.
- ✓ Good health and experienced in long walks and travel.

Geotechnical Investigations

- ✓ Performing Liquidity limit test.
- ✓ Performing the Standard penetration Test (SPT).
- ✓ Performing permeability test.
- ✓ Performing infiltration test.

Map Developer

- ✓ Development of thematic maps using Georeferencing Information System (GIS) software.
- ✓ Creating and manipulate a large database using Excel.
- ✓ Digital processing of satellite images.
- ✓ Interpolating data using geostatistic tools and cross-validation.

Internships in Companies

Firm: PLANAGEO
Dates: August 2018 – December 2018
Supervisor: Ramiro Boher
Ph. Number: +55 55 3281 4671
Address: Av. Pres. Kenedy, 184 - Sala 04, Caçapava do Sul – RS, 96570-000, Brasil
Activity: ➔ Cartography, topography and geodesy.

Firm: LAGEOLAM - UFSM
Dates: February 2018 – June 2018
Supervisor: Andrea Nummer
Ph. Number: +55 55 3220 8639
Address: Av. Roraima, 1000 - Prédio 17, Sala 1113C, Santa Maria – RS, 97105-900, Brasil
Activity: ➔ Geotechnical laboratory of characterization of the soil and slope.

Extra Curricular Activities

- ✓ Complementary Course at SENAC – Environmental Legislation.
- ✓ Researcher of CNPq – GERHS Water and Soil Study Group.
- ✓ Car Driver License – Manual gear, 4WD and Automatic.
- ✓ Structural Geology Instructor – Federal University of Pampa

Software

- ArcGis – Advanced
- Excel – Advanced
- WEPP – Advanced
- AGISOFT PhotoScan – Intermediate
- SGeMS – Intermediate
- Oasis Montaj – Basic
- Google Earth Pro – Advanced
- Qgis – Advanced
- AutoCad – Intermediate
- CorelDraw – Intermediate
- Surfer – Basic
- DecisionSpace – Basic

Published works

- ✓ Erosion Potential of the Lower Jacuí Sub-Basin – RS (2017). Oral, 9th International Salon Research, Teaching and Extension. [\[link\]](#)
- ✓ Flood Risk Analysis of the Vacacaí – Mirim Watershed (2016). Poster 47 ° Brazilian Congress of Geology.
- ✓ Soil erosion modelling in two olive cultivation in Brazil. Conclusion work Course (2018). [\[link\]](#)
- ✓ Sediment Analysis by the X-ray Spectrometry Method in the Region of Baependi – MG (2017).

Map example: Planialtimetric survey in an open-pit mine [\[download link for higher resolution\]](#)

