

FELIPE GONZÁLEZ MALDONADO

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A dedicated professional with a strong commitment to safety, excellence, and innovation. I am known for being proactive, supportive, and methodical in achieving results. I recently completed a European Master's degree in geometallurgy, where I gained extensive technical knowledge in mining geology and mineral processing, with a focus on flotation. Returning to Chile, I am eager to contribute to the advancement of the mining industry and apply the expertise I have acquired. With 5 years of experience as a mine geologist, my career has progressed from junior roles to production, modeling, management, and consultancy. I have developed a comprehensive skill set that includes technical proficiency, leadership capabilities, and an in-depth understanding of the mining business value chain. Additionally, I have supplemented my expertise with two diplomas in leadership, management, and LEAN methodology for continuous improvement implementation.

Work experience

GEOLOGY CONSULTANT

Santiago, Chile, 2024 (up to May)
Geological model update service for Minera Centauro, provided through Skarmeta Geological Services.

MASTER THESIS AND PROFESSIONAL INTERNSHIP LKAB

Malmberget, Sweden, 2023
Characterization of the ore and sulfide impurities in Malmberget iron concentrate in northern Sweden. The study involved usage of high technology for characterization of concentrate samples, as well as a geometallurgy analysis by considering the nature of the separation processes involved.

GEOLOGY CONSULTANT

Moquegua, Peru, 2020
Fault and geological structure modeling service for AngloAmerican, Quellaveco, provided through Skarmeta Geological Services.

HEAD OF GEOLOGY DIVISION

Altos de Punitaqui Mining Company
Punitaqui, Chile, 2019

Leading the geology division of the company as well as implementing continuous improvement, safety standards, crew management, and costs forecasting.

ORE GEOLOGIST

Altos de Punitaqui Mining Company
Ovalle, Chile, 2016-2018

Geologist career in mining industry related to exploitation of gold and copper in underground mining. As of many responsibilities within this period were geological mapping, ore control by grades and stockpiling, mining exploration, supervising drilling campaigns, drill core logging, ore body modelling, and resources estimation.

UNDERGRADUATE INTERNSHIP

Codelco, Andina Division
Los Andes, Chile, summer 2015

UNDERGRADUATE THESIS AND PROFESSOR'S AIDE Universidad de Chile

Santiago, Chile, 2015
Digital elevation modeling and implementation in morphostructural study.
Teaching assistant in Petrology and Geomorphology courses.

Studies

MASTER'S

Magna cum laude, 2021-2023.
EMerald is a two-year Msc program (120 ECTS) organized by three European Universities: University of Liège (ULiège), University of Lorraine (UL), and Luleå University of Technology (LTU). The program focuses on the following major aspects of Resources Engineering, Characterization, Mineral Processing, Modelling, and Management. At the end of the program the following degrees were provided by the different consortium universities:

MASTER IN GEORESOURCES ENGINEERING

Luleå University of Technology (LTU), Sweden

MASTER IN MINING ENGINEERING AND GEOLOGY

Université de Liège, Belgium

MASTER IN EARTH SCIENCES AND ENVIRONMENT

Université de Lorraine, France

BACHELOR'S

UNIVERSIDAD DE CHILE

- Bachelor in science Major in geology (2010-2013)
- Geologist degree (2014-2015)
Chilean completion of the official 6 years undergraduate program.

DIPLOMA'S

PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE

- Diploma in LEAN Transformation (2020)
- Diploma in Leadership and LEAN management (2021)

Skills

Native Spanish speaker
Advanced English speaker
Basic French speaker with certification of A1 and A2 level courses
Driving Chilean license type B
Academic merits for Scholarships along studies
Knowledge on safety in mining operations
Course in QAQC
Software practitioner of engineering, geology, mining, and mineral processing simulation: Leapfrog, Datamine, GoCAD, AutoCAD, ArcGIS, Envi, GSlib, MODSIM, HSC Sim, Excel, Office, basic coding in Matlab, Python, and Visual Basic.