

## **Mining Engineering**

***Expertise***

Geomechanical Engineering and Numerical Modeling

***Education***

Mining Engineering, Universidad de Santiago, Santiago de Chile, 2001

Industrial Engineering, Universidad Técnica Federico Santa María,  
Santiago de Chile, 2006

***Professional Experience***

2007 - Present

*Itasca S.A., Santiago de Chile, Geomechanics Engineer*

2004 - 2007

*Geo-Engineering Technology Ltd. Santiago de Chile  
Geotechnical Engineer*

***Project Experience***

*Rock Mechanics Applied to Underground Mine Design:* Projects associated to pre-conditioning of rock masses using hydraulic fracturing. Fragmentation assessment and prediction. Construction of numerical models associated to mining of pre-conditioned rock masses.