

Geomechanics Specialist

Expertise Geomechanics, Mining, Numerical Modeling

Education Mining Engineer, 2007
Universidad de Santiago, Chile

Professional Experience

2022 – Present *Itasca Consulting Canada, Inc., Sudbury, Ontario*
Geomechanics Specialist

2017 – 2022 *Itasca Chile SpA, Santiago, Chile*
Project Engineer

2017 *DERK Ingeniería y Geología, Santiago, Chile*
Thesis Student

2013 – 2016 *CGEM – USACH, Santiago, Chile*
Laboratory Assistant

Project Experience

Rock slope stability analysis with numerical modeling in *3DEC* and *UDEC*.

Rock slope and underground excavation stability analysis, optimization of mining designs, and analysis of deformation resulting from mining activity with numerical modelling in *3DEC*, *UDEC* and *FLAC*.

Experience with laboratory testing of rock samples in determining resistance properties.