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**Project Specialist, Hydrogeology**

**Expertise** Hydrogeological Numerical Modeling

**Education** Bachelor of Science (Geology), 2025  
Universidad de Chile, Santiago, Chile

**Professional Experience**

2026 – Present ITASCA Chile  
Project Specialist, Hydrogeology

**Project Experience**

His thesis, titled “Application of Machine Learning Methodologies to Predict Flow Rate and Estimate Hydraulic Conductivity in Mining Wells,” involved the development and evaluation of machine learning methodologies applied to flow rate prediction and hydraulic conductivity estimation, integrating geological, geomechanical, and hydrogeological information from historical records and block models. The work is presented as a complementary methodology to traditional hydrogeological tools, aimed at supporting decision-making in highly heterogeneous settings.