

Geological Engineer

Expertise

Numerical Modeling

Education

Geological Engineer, 2005
Escuela Politécnica Superior Guillermo Schulz
Universidad de Oviedo, Asturias, Spain

Mining Technical Engineer, 1999
Escuela Universitaria de Ingenieros Técnicos de Minas de Mieres
Asturias, Spain

Professional Experience

Itasca Consultores S.L., Asturias, Spain

1998 – Present

Technical Engineer

1997 - 1998

Technical Engineering Trainee

Project Experience

Two- and three-dimensional numerical modeling of excavations, stability and the excavation sequence and support of a large number of tunnels (including high-speed railways) in Spain, France, Switzerland, Argentina and the USA. Development of three-dimensional models to analyze the behavior of barriers, tunnels, pillars and foundations before and after construction.