

## **Junior research engineer**

### *Expertise*

Numerical Modeling of Fractured Media, Scientific Computing.

### *Education*

Currently: PhD student at Geosciences Rennes under CIFRE agreement with Itasca Consultants S.A.S. Ecully, France.

Engineering diploma in numerical geology (Master's degree).  
Ecole Nationale Supérieure de Géologie, France, 2016

### *Professional Experience*

2016 – Present

*Itasca Consultants S.A.S. Ecully, France & Géosciences Rennes, University of Rennes: young engineer / Research student*

2016 (5 month)

*Technodigit, Genay, France: software engineer internship*

2016 (3 month)

*Géoressources, Université de Lorraine, Vandoeuvre-Lès-Nancy, France: research internship*

2015

*GEOTEC, Montigny-Le-Bretonneux, France: technician internship in geotechnics*

### *Project Experience*

Kinematic and mechanical modelling of Discrete Fracture Networks

2D image processing for contour detection and 3D shape extraction

Upscaling of 3D geological models for the seismic wave propagation

Realization and interpretation of in situ and laboratory geotechnical data