Geomechanics & Geothermal

Ph.D. Student in Thermo-Hydro-Mechanics; Numerical Modeling for Geothermal Energy

Skills

-FEM
-Numerical simulation
-Constitutive equations
-Multi-physics Coupling

Current Projects

Creating a Numerical Multi-physics Framework to Model Fault Reactivation| 2021 – 2024| RWTH Aachen – TU Delft |ITN EASY-GO | IDEA League | https://idealeague.org/geothermal-energy/

Professional Experience

Since 2021: Ph.D. student, RWTH Aachen, Germany – TU Delft, The Netherlands
2019 – 2020: Designer in geotechnical engineering, France
2017 – 2018: Teaching Assistant, Geotechnical Engineering, Polytech Grenoble, France

Education

2019 : Master thesis: Numerical Investigation on a Strip Footing using FEM and Sophisticated Constitutive Equations, University of Auckland, New Zealand
2016 – 2019 : Msc. Geotechnical and Civil Engineering, Polytech Grenoble, France
2014 - 2016 : B.Sc Civil Engineering, Le Havre, France