

## Geotechnical Project Engineer

### **Expertise**

Geotechnical engineering, numerical modelling.

### **Education**

Ph.D. in Civil Engineering (Geotechnical), 2023, *Ecole Centrale de Lyon, ITASCA consultants S.A.S, France.*

Master 2 in Hydraulics and Civil Engineering, 2020, *Grenoble INP – ense<sup>3</sup>, Université Grenoble Alpes, France.*

Diploma in Civil Engineering (Equivalent to Master Bac+5), 2020, *Lebanese University, Faculty of Engineering, Beirut, Lebanon.*

### **Professional Experience**

2023 - Present

Itasca Consultants S.A.S., Lyon: Geotechnical Project Engineer.

2020 - 2023

Itasca Consultants S.A.S., Lyon: Researcher Civil Engineer | PhD student.

2020 (5 months)

INRAE, Aix-en-Provence, France: End of studies internship/project in geomechanical modeling.

2019 (2 months)

DAR Al Handasah, Beirut, Lebanon: Geotechnical Engineer Internship.

2018 (3 months)

EBCO Bitar, Beirut, Lebanon: Site Engineer Internship.

### **Project Experience**

PhD project: Mechanical behavior of rockfill dams with dry-stone pitching: A mixed FDM-DEM approach.

Master 2 final year project: Shape Influence on the direct shear behavior of coarse granular materials.