

Mohammed Abdullah Ahmed Al-Sharafi

Geotechnical Engineer



- Date of Birth: 01/01/1989.
- Nationality : Yemeni.
- Marital Status : Married.
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CORE COMPETENCIES

- Civil Engineering
- Structural Optimization
- Geotechnical Engineer
- Finite Element Analysis

TECHNICAL SUMMARY

Applications

- Microsoft Word
- Excel
- PowerPoint
- Publisher
- Access

Computer-Aided Design

- Robot structural analysis
- ETABS
- SAP 2000 v.14
- COVADIS 2006
- AutoCAD

Finite Element Analysis

- Plaxis 2D

SUMMARY

Industry expert in Geotechnical Engineering with excellent understanding of Drilling and Exploration techniques, Geology. Safety focused with analytical approach to using numerical simulations to predict the behavior of underground excavations.

Comprehensive knowledge of Finite Element Analysis techniques using a variety of software, as well as strong math and physics skills.

EDUCATION:

2011 – 2014 (**M.Sc.**) in Civil Engineering from University of Mohammed Khider , Biskra – Algeria.

2008 – 2011 (**B.Sc.**) in Civil Engineering from University of Mohammed Khider , Biskra – Algeria.

2003 - 2006 Abobaker AL-Sedik High School, Sana'a – Yemen.

ACADEMIC QUALIFICATION:

B.Sc., Civil Engineering, 1st Class Honours, Very Good 2011.

M.Sc., Roads and Technical construction, Thesis " Selecting and Design Retaining Walls ", Excellent 2014.

RESEARCH INTERESTS:

- Soil Mechanics .
- Numerical Analysis of Interaction soil structures .

LANGUAGE:

Arabic: Mother tongue.

French: Scientific language speaking (Very good), reading and writing (excellent) .

English: good, in reading and in writing.

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Courses Taught:

- Engineering Drawing.
- Soil Mechanics (1 and 2)
- Engineering Geology .
- Building electricity

Reference:

1- Professor BENMEBARK Saddok. Geotechnical Engineer at University of Mohammed Khider-Biskra- Algeria.

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2- Professor BEN MEBAREK Naima .Hydraulic engineer at University of Mohammed Khider-Biskra – Algeria.

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3- Dr. BOUZIANE Mohamed Toufik
Head of civil engineering

department Mohammed Khider-Biskra – Algeria.

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TRAINING COURSES:

- Training Course in COVADIS , road program design Heroual school Algeria-Biskra.
- Training Course in Structural Analysis and Design Program (Robot). University of Science and Technology.
- Statistical analysis Course using SPSS program - Teaching and Learning Center - University of Science and Technology.

PROFESSIONAL EXPERIENCE:

- 2014-present : Assistant Lecturer at University of Science and Technology faculty of engineering civil engineering department.
- Code of practice in civil engineering such as:
 - BAEL 91 (French code of reinforced concrete).
 - European code.
 - American code UBC, ASTM, AASHTO.
 - RPA (Algerian Seismic Code) .

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