

MOHAMED MAHFOUZ MAHMOUD

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Geologist with a strong background in geological exploration and quality control, holding a degree from Aswan University. Proficient in geological modelling software and experienced in field studies. Demonstrated leadership and innovative problem-solving skills, with a commitment to sustainable mining practices. Bilingual in Arabic and English, seeking new opportunities to contribute to industry advancements

EDUCATION

JULY 2019

BACHELOR OF GEOLOGY, ASWAN UNIVERSITY, EGYPT

- Major: Geology
- Total Grade: Good

EXPERIENCE

JANUARY 2022 – NOW

GEOLOGIST, AL WADI AL GADID CO. FOR MINERAL RESOURCES AND OIL SHALE (WADICO).

- Geological Exploration (core sampling, rotary drilling samples, geological column and exploration report preparation including the reserves and the best mining methods).
- Make Geological modelling and drilled boreholes correlation using Surfer, MapSource, Global Mapper AutoCAD, AutoCAD Land desktop and Google Earth.
- Following-Up open cast surface mines, Crusher and Sales.
- Making the monthly payment Requests for the contractors, sales, Survey, daily and monthly reports of the site.
- Following-Up the Survey and calculating the sections (estimated quantities from bore holes and actual quantities by AutoCAD and AutoCAD Land desktop).

MARS 2021 – JANUARY 2022

QC ENGINEER, HELIOPOLIS CONCRETE TECHNOLOGY CENTRE (HCTC).

- In Soil, Aggregates, Concrete and Asphalt quality control
- Testing of In-place Density test by Sand Cone, California Bearing Ratio (CBR), Sieve Analysis, Degradation of Aggregates By abrasion and impact by Los Angeles machine and Density-Moisture Relations (Proctor Test). And asphalt tests as Bitumen extraction test, Marshall mix design, specific gravity, JMF, GMB, VMA and VFA ... etc.

FIELD TRIPS

- Field camping at Roud Ashaab, Marsa Alam and El-Qusseir, Red Sea area. April 2018
- Aswan Iron quarry in South Egypt Mars 2018
- Hamada Rashwan Granite quarries, Aswan April 2017
- Hematite Mines at (Wadi Abu Sbaiera and Wadi Abu Aggag) East Aswan. April 2017
- Kaolin quarries of Kalabsha area, Southwest of Aswan Mars 2017
- Aswan Cement Factory. Mars 2017

INTERNSHIPS

OCTOBER 2018

SUKARI GOLD MINES (FIELD TRAINING)

- Safety Session.
- Open-pit mining techniques.
- Gold extraction and purification laboratory.

JAN 2018

ONE MILLION ARAB CODER INITIATIVE

- (Front-End web development and data Analysis).

CONFERENCES AND WORKSHOPS

MARS 2018

GEOSCIENTISTS TRAINING INITIATIVE (GTI5), ORGANIZED AND ATTENDED SATISFACTORILY A SEMINAR ON:

- Seismic Data Acquisition.
- Seismic Data Processing.
- Seismic Data Interpretation.
- Well logging (wireline logging – mud logging).
- Soft skills Workshop.

ACTIVITIES

2016-2018

- Former President and Co-Founder member of EAGE (European Association of Geoscientists and Engineers) – Aswan University Student Chapter.
- Former Head of Media and Families committees at Aswan University Students Union.
- Former Head of Media at Students for Egypt Family – Aswan University.

SKILLS

- Teamwork.
- Microsoft Office Software.
- AutoCAD Software.
- Surfer Software.
- MapSource.
- Global Mapper.
- Adobe Photoshop.
- Adobe Illustrator.
- High Productivity under pressure.
- Quick Learning.
- Leadership.

LANGUAGES

ARABIC: Native Tongue

ENGLISH: Intermediate Level

PERSONAL DATA

- **Date of Birth:** 13th September 1997
- **Nationality:** Egyptian
- **Marital Status:** Married
- **Military service:** Completed