



Abdelrahman Brakat

Mining Engineer

Nationality: Sudanese
Gender: Male
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Looking forward to enhance my experience and qualifications with an esteemed Academic Research Institutes/Universities that provides excellent career and scientific qualifications growth

EDUCATION



Aug 2003-Jun 2008

University of Khartoum
B.Sc. Honor of Mining Engineering
Mining Engineering Department
First class "GPA; 7.04"
Khartoum, Sudan



Sep 2014-Jul 2018

Southeast University
M.Sc. of Materials Engineering
School of Materials Science and Engineering
Nanjing, Jiangsu, China

RESEARCH EXPERIENCE



Sep 2015-Jul 2018

School of Materials Science and Engineering
Materials Engineering:

- ⊕ Cement & Concrete research
- ⊕ Building & Construction materials research
- ⊕ Nano materials & natural fibers research

WORK EXPERIENCE

I have over 4 years' experience in different fields; such as:

- Metals/Minerals/Materials exploration, prospecting, planning/scheduling, estimating, open pit/cast, underground tunnels/caves mining extraction/exploitation, mines development, production, operation, supervision and managing.
- Industrial minerals quarrying such as: Marble, Limestone, Quartz, Granite, Basalt, Decorative stones ... etc.
- Ores concentration plants "Crushers, Grinders, Mills" to reduce sizing, sorting and ores grade classification. In addition to Cr/Fe/Mn/Cu/Au metals Smelting/Refining processing plants Feeding, Production, Operation and Supervision.
- Cement and Pozzolana manufacturing, in addition to afro chrome industry.
- Mining services such as: geological engineering, drilling, blasting and metals market "demand/supply".

Also I have full technical, operational and maintenance knowledge on heavy equipment's such as:

- Dozers, Bulldozers, Graders, Motor graders, Tam rock drilling machines, Atlas Coco manual drilling machines, Trucks, Dumpers, Front shovels, Excavators, Loaders, Back loaders, Jackhammers, Blasting equipment's, Air compressors ... etc; especially CATERPILLAR, VOLVO, KOMATU and ATLAS COCO.

SKILLS & ACTIVITIES

Computer & IT	Microsoft Office™ (Word™, Excel™ PowerPoint™) / Windows™ / Internet
Languages	English (IELTS 6.5) / Chinese 中文 (HSK level 4) / Arabic Mother Tongue
Abilities	Self-motivation with strong vision and strategic capability Strong and quick acquiring of new technologies Have strong engineering, scientific and mathematical abilities
Professional memberships	The Society for Mining, Metallurgy, and Exploration (SME) Australasian Institute of Mining and Metallurgy (AUSIMM) National Mining Association (NMA) Sudanese Engineering Council (SEC) The Sudanese Association for Mining Engineers (SMES)
Interests	Mining Exploration/Extraction and Processing Cement & Concrete Building & Construction Materials Nano materials & natural fibers

AWARDS & GRANTS

Sep 2014	CSC Scholarship-Southeast University
Jan 2010	The Society for Mining, Metallurgy, and Exploration (SME)
Aug 2008	APSI "Authority of Patronage Scientific Innovation" in Sudan
Jul 2008	Best Graduation project in Mining Engineering-University of Khartoum

REFERENCES

- ⊕ **Prof. Amin Abdelrahim Abdelrahman Elhawary**
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- ⊕ **Prof. Yamei Zhang "张亚梅"**
Professor, School of materials science and engineering, Southeast University, Nanjing, Jiangsu, China
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