

Samah Ali Ahmed Mahgoub(Civil Engineer)
538 Block 4, Elhuda neighbourhood , Khartoum North, Sudan
+249909092614
samah.a.a.mahgoub@gmail.com

DOB: 02/03/1993

Gender: Female

Nationality : Sudanese

EDUCATIONAL BACKGROUND

2009-2014	BS.c (Honours) in in Civil Engineering University of Khartoum. Al-Gamaa Ave, Khartoum 11111, Sudan	1st Class 7.74 Out of 10
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The course involved: Mechanics of materials, Civil engineering drawing, Design of reinforcement concrete structure, Surveying, Concrete technology and construction materials, Design of steel structure (design of warehouse and design of train station), Theory of structure, Soil mechanics, and Highway and transportation engineering.

Graduation project included the design of road network for the Eastern Nile Locality in Sudan.

TRAININGS & SHORT COURSES

Educational trainings:

11-27 Jul 2010 AutoCAD 2D design
Source computer and language training centre, Khartoum, Sudan

19 Oct -1 Nov 2014 Preparation of Bills of Quantities and Specifications (Including Planswift Software)
Engineering training and professional development, Khartoum, Sudan

4-6 Feb 2016 Risk Management
Naifis Trade and Services Sdn. Bhd., Kuala Lumpur, Malaysia

25 Aug–7 Sep 2016 Structural Analysis and Design
ETCO Training and Human Development Center, Khartoum, Sudan

Site trainings:

Jul-Aug 2013 Islamic Bank construction project site in Almogran, Khartoum. Sudan
Ain Contractor Company, Khartoum, Sudan

27 Jul 2015- Present International Fair construction project site in Buri, Khartoum. Sudan
Hamdi Consultant Company, Khartoum, Sudan

EMPLOYMENT

1 Dec 2014 – 14 Dec 2015 Teaching Assistant (PT as part of the National Surface)
University of Khartoum. Al-Gamaa Ave, Khartoum 11111, Sudan.
Assist teaching the following modules:

- Theory of structure I.
- Theory of structure II.
- Highway and transportation engineering II.
- Soil mechanic II laboratory.
- Highway and transportation engineering II laboratory.
- Introduction to civil engineering.
- Theory of structure III.
- Soil mechanic I.

1 Sep 2015 - 30 Mar 2016 Assistant Researcher (PT)
University of Khartoum, Water Research Center , Al-Gamaa Ave, Khartoum 11111, Sudan.
Execute laboratory experiments (Sanitary experiments) for a research project called Water Quality of River Nile in Khartoum.

23 Nov 2015 – Present Teaching Assistant (FT)
University of Khartoum. Al-Gamaa Ave, Khartoum 11111, Sudan.
Assist teaching the following modules:

- Soil mechanic I.
- Soil mechanic I laboratory.
- Soil mechanic II.
- Soil mechanic II laboratory.
- Highway and transportation engineering II.
- Highway and transportation engineering II laboratory.

01 Nov 2014 – 30 Dec 2015 Laboratory Engineer (PT)
STARCHEMICAL CO.LTD, Khartoum North , Sudan
Execute laboratory experiments (Soil experiments) to different sites.

COMPUTING AND IT (*Tutor)

Reporting and Documentation

- Microsoft Office Products (Word, PowerPoint, and Excel*). Expert

Civil Engineering

- Autodesk AutoCAD* Expert
- PlanSwift* Expert

Field Visits

Educational trainings:

2011	Scientific Affairs building, University of Khartoum, Khartoum, Sudan	Construction
Oct 2012	Sabaloka, Sudan (1 week)	Surveying
2013	Thermal Bahrey Station, Khartoum Bahrey, Sudan	Water supply treatment
2013	AlSalam cement factory, Atbara, Sudan	Cement making process, and construction
2013	Makabrab water plant, Sudan	Agricultural project, and water plant operation
2013	Suba bridge, Suba, Khartoum, Sudan	Construction
2013	Apartment complex, Suba, Khartoum, Sudan	Construction
2014	Setit dam and Aali Atbara dam, Sudan	Construction
2014	Hydraulic Research Center, Aljazeera, Sudan	Models of hydraulic structures, and agricultural project (Aljazeera)
2014	Several hydraulic structures between Medani and Elgarif such as culverts ,siphons	Operation process
2014	Eastern Nile Locality	Samples collection, testing, and network design
2014	Ministry of Infrastructure	Data collection
2014	Blue Nile bridge, Khartoum, Sudan	Bridge component
1 Feb 2016 – 20 Feb 2016	Malaysia	Supervising students

References

- Dr.Magdi Mohammed Eltayeb Zumrawi
Associate Professor –Highway Engineering
Civil engineering department , Faculty of Engineering
University of Khartoum
E-mail: magdi.zumrawi@yahoo.com
mmzumrawi@uofk.edu
Telephone: +249912355758
- Dr.Yousif Hummaida Ahmed
Assistant professor
Civil engineering department, Faculty of Engineering
University of Khartoum
E-mail: dryahmed@gmail.com
Telephone: +249903946400
- Dr.Omer Mohamed Omer
Soil and Foundation consultant
Civil engineering department, Faculty of Engineering
University of Khartoum
Telephone: +249912985471