

Ala Idris Mokhtar
Software Developer - Researcher - Data Analyst
ala.idres@gmail.com
+249922736071

In my career, the combination of practical experiences in application development, data analysis, database management, teaching, and researching with my educational background in computer science, mathematics, and statistics gave me a strong foundation to take steps toward being a data scientist. Besides my job as a software developer, I used to work as a freelance data analyst, attend online data analysis completions.

The data science field is not widely applied in Sudan I choose to move a step forward by starting the Ph.D. in data science in China.

Experiences

Research:-

12-2020/2-2021 Researcher
ELMA Project - GIZ Sudan

- Study employment and labour market analysis in Khartoum
- On desk research to study labour supply in Khartoum
- Held data analysis, reporting with the representatives

2019/present PhD Researcher
Central south University, School of
Computer Science and Engineering
Hunan – China

- Machine learning , data science and bioinformatics research lab.

2018/2018 Research Assistant
Ministry of Higher Education –SEERA
Project

- On desk Researcher on the Project to study the history of software development in Sudan on different sectors.
- I was Responsible from the higher education Systems history

Self-Employment:-

2011/Present Software Developer&
data Analyst

- Freelancer Software developer & data analyst for companies and individuals

Employment:-

2021/Present Researcher & Senior
Data Analyst
Elbarbary group

- Study, design and implement behavioral Insights researches both observational and experimental to improve work environment and deliver results that support decision makers.
- Monitor and Analyze datasets, evaluate the final results.
- Measure and evaluate final results and provide final analysis report.

2015/2019 Senor Software
Developer & Data
Analyst
Al-Neelain University, Information
Technology and Communication Center

- Develop web-based applications.
- Technical Support.
- Technical Training for developer and student

2014 /2015 Data Analyst
University of Khartoum, Medical
and Health Service Center

2013/2015 Teaching Assistant

University of Khartoum, Faculty of
Mathematical Science

Skills

Software Development

- PHP, CSS, HTML, WordPress, Laravel Framework, Bootstrap, Odoo ERP
- C# ,C++ , .NET , Java

Database Management

- MySQL , SQL Server, Oracle

Data Analysis

- SPSS,STATA, R
- Weka, RapidMiner, PowerBI, Tableau hadoop, hive, Pig, Spark ,Octave, Python, Scala

Education

2015/2016

MSc in Information Technology (Business Intelligence)

University Of Khartoum
Faculty of Mathematical Science

2008/2013

BSc honors Degree in Statistics & Computer Science

University Of Khartoum
Faculty of Mathematical Science

Publications

2013 **On Password Strength Measurements: Password Entropy and Password Quality**

International Conference on Computing, Electrical and Electronic Engineering (ICCEEE)
Khartoum – Sudan

References

- Available Upon Request

Training

6/2019 – 6/2019 **Summer School on Machine learning and Data Science**
Addis Ababa University, data science Africa organization
Addis Ababa – Ethiopia

6/2018 – 8/2018 **Specialized Training Program on Big Data Analytics**
Center for development of advance computing
Mohali – India

9/2017 – 11/2017 **MYSQL Database Management**
Sudatel's Telecom Academy – Sudan

1/2017 – 2/2017 **Web Application development using Laravel Framework**
Deanship of Academic Quality and Professional Development - AL Neelain University – Sudan

Languages

- Arabic Native
- English Formal
- Chinese Lower Intermediate

Personal Info

Address: Jabra - Khartoum – Sudan

Date of birth: 1991-08-24

LinkedIn: [linkedin.com/in/ala-idris/](https://www.linkedin.com/in/ala-idris/)