



Omer Kamal Ali Ebead

Nationality: Sudanese **Date of birth:** 14/06/1998

Phone number: (+249) 118912916

Email address: omerebead1998@gmail.com

Whatsapp Messenger: 00249118912916

Home: 11111 Khartoum (Sudan)

ABOUT ME

A motivated and Proactive Software Engineer with 2 years of experience in creating and executing innovative software solutions to enhance business productivity. Highly experienced in software development lifecycle. Also, I have a first class degree in Electrical and electronic engineering from university of Khartoum and I was one of the best 100 student in Sudan in high school Exams. Interested in Computer Science field which I find very helpful in solving today's problems.

WORK EXPERIENCE

Software engineer

AmunData [01/11/2022 – 01/08/2023]

City: Khartoum

Country: Sudan

Website: <https://www.linkedin.com/company/amundata>

- Full-stack developer using reactjs and flask py
- Business intelligence using Power bi
- developing and maintaining Arab organization for agricultural development Platform

Software developer

OROOMA [01/05/2022 – 01/11/2022]

City: Khartoum

Country: Sudan

Website: <https://orooma.com>

- Frontend developer using reactjs
- Backend developer using nodejs
- Full-stack developer using MERN stack and Kotlin

DIGITAL SKILLS

Software development

Git / REST API management / DBMS: MySQL, PostgreSQL, SQL Server / Flutter (basic) / MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS) / Flutter Basic Skills / kotlin Programming / Python

Graphic Design and UI/UX

Figma & Adobe XD / Adobe: Photoshop, Illsutrator, Lightroom

Data Analysis

Power BI Power Query

Machine learning

Computer Vision / Deep Learning frameworks: PyTorch, Tensorflow, Keras

Other Skills

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / Arduino, Microcontrollers

LANGUAGE SKILLS

Mother tongue(s): **Arabic**

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B2

French

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

EDUCATION AND TRAINING

Bachelor degree in electrical and electronic engineering

University of Khartoum [01/01/2015 – 01/01/2021]

City: Khartoum

Country: Sudan

Website: <https://uofk.academia.edu/>

Final grade: 8.14

High School Diploma

Al Mashaail High School [01/01/2012 – 01/01/2015]

City: Khartoum

Country: Sudan

Final grade: 93.9

CONFERENCES AND SEMINARS

Deep learning Indaba.

[South Africa, 01/10/2018 – 15/10/2018]

The Deep Learning Indaba is the annual meeting of the African machine learning and AI community with the mission to Strengthen African AI.

Link: <https://deeplearningindaba.com/2023/>

PROJECTS

Arab organization for agricultural development Platform

[01/11/2022 – Current]

Developing a platform for Arab organization for agricultural development .

Temporal Analysis of Regional Sustainability Using CNNs and Satellite Data

[01/10/2021 – 01/04/2022]

Using computer vision and satellite imagery to classify LULC and also to calculate Biocapacity and test the model in Sudan Satellite images.

Suhub Webapp

[01/05/2022 – 01/11/2022]

Webapp for recruitment developed using Kotlin and Kunafa framework.

Logistics Webapp

[01/05/2022 – 01/11/2022]

Webapp to deliver logistics supposed to be published in Saudi Arabia.

Link: <https://logistics-dashboard-n39th.ondigitalocean.app/>

Sun Tracking Car

[01/06/2018 – 01/08/2018]

- A small car with solar panels on top of it. charge it self and your batteries , after that it rests in a shadow area and turns off.
- Uses Arduino Uno Microcontroller .
- Presented at EESE 2018 .

Conference Gloves

[01/06/2017 – 01/08/2017]

- A glove integrated with Arduino Uno which control mouse movement/ clicks in your laptop.
- Presented in EESE conference 2017.

VOLUNTEERING

Deep learning IndabaX

[Sudan, 01/01/2021 – 01/05/2021]

The Deep Learning Indaba is the annual meeting of the Sudanese machine learning and AI community with the mission to Strengthen African AI.

Committee of Service and Change.

[Sudan, 01/11/2019 – 01/11/2021]

Deliver and facilitate services from Sudanese government to Sudanese citizens and help them with their daily life needs.

Electrical and Electronics Engineering Students Exhibition (EESE)

[Sudan, 01/06/2016 – 01/08/2018]

Electrical and Electronics Engineering Students' Exhibition (EESE) is an annual event organized by University of Khartoum, Electrical and Electronic Engineering department students.

Link: https://www.linkedin.com/company/eeese/?trk=ppro_cprof&originalSubdomain=sn

Outstanding Students Committee

[Sudan, 01/10/2016 – 01/10/2018]

Community to help junior outstanding students in Sudan.

Link: <https://web.facebook.com/Elmoltga>

IEEE student paper contest

[Sudan, 01/03/2016 – 01/06/2016]

COURSES

AI For Everyone

[01/09/2019 – 01/11/2019]

Link: <https://coursera.org/share/7eeb3100b4fa9ebb01a8b4ee992fc94b>

Convolutional Neural Networks

[01/09/2018 – 01/11/2018]

Link: <https://coursera.org/share/7f2aa6a0b13c97b4a70df4b42244bbd2>

Sequence Models

[01/09/2018 – 01/11/2018]

Link: <https://coursera.org/share/b884cebba1b61a72f9b55e46a9b1f275>

Neural Networks and Deep Learning

[01/08/2018 – 01/10/2018]

Link: <https://coursera.org/share/a4e9dbf92963b8d32c4443d940e466b7>

REFERENCES

Hiba Hassan Sayed Mohamed Ali

- Deputy dean of Faculty of engineering , University of Khartoum.
- Hiba_im@hotmail.com

Anas Showk

- Associate Professor
- Electrical and Electronic Engineering Department, Faculty of Engineering, University of Khartoum.
- anas.showk@uofk.ed
- 00249155664062

Amal Elsamani Ahmed Taha

- Lecturer at the University of Khartoum
- University of Oxford, M.Sc., 2022
- Istanbul Technical University, M.Sc., 2017
- amalelsamaniahmedtaha@gmail.com
- amal.elsamani@uofk.edu
- 00249912221881

Omer Hamdi

- CEO of AMUNDATA.
- omer@amundata.com

Mohamed Satti

- CEO of OROOMA.
 - m.satti@orooma.com.
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