Curriculum Vitae (C.V.)

Personal Details

Name: Omer Mohamed Elhassan Ahmed

Date of Birth: 10.6.1982

Place of Birth: Khartoum - Sudan

Sex: male

Marital Status: Married

Religion: Islam

Nationality: Sudanese

Mother Tongue: Arabic

Other language: English

Address: Hydraulic Research Center

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Education & Qualifications

B. Sc. (honors)	Electrical and Electronic Engineering (Computer Engineering) **College for Technological Sciences**	**2007**
M. Sc.	Faculty Of Engineering and Technology (Computer Engineering and Networks) **University of Gezira**	**2018**

Professional Training:

Training course of Net Basic Course	Data Net Company	**2007**
Training course on SPSS	Development Studies And Research Institute University of Khartoum	**2010**
Training course on Network Administrator	Sudatel Telecommunication Academy (Sudacad)	**2013**
Training in The WeGO e-Government Training Program	Chengdu, China	**2014**
Basic Training course in Programming and Website Design	Unit of Training and information Center Faculty of Mathematical and Computer Sciences University of Gezira	**2015**
Basic Training course in Oracle database administration	Unit of Training and information Center Faculty of Mathematical and Computer Sciences University of Gezira	**2015**
Training course on GIS	Hydraulic Research Center	**2019**

Professional Experience:

Computer and Network Engineer	**2008-2012**
Director of Information Center Sinnar State	**2012 - 2015**
Assistant Research scientist	**March 2019 -- till now**

Administrative Experience:

2008 -2012: Computer Engineer in General Secretary of Sinnar State Government.

2012 – 2015: Computer and Information Center Director .

Responsible of the server, networks, telecommunication, computers maintenance in software and hardware .

2015 -2018 : Postgraduate student, University of Gezira

2019 – Now: Assistant Research Scientist, Hydraulic Research Center, Wad Medani - Sudan

Thesis

M. Sc.

An Automated Fertigation using IOT (2018)

Master of Science in Computer Engineering and Networks

University of Gezira

Publications:

A Design of an Automated Fertigation System Using IoT.

Omer Mohammed Elhassan[1], Abdalla A. Osman[2], Sally Dafaalla Awadalkarim[3].

Research Projects:

1- حصر المساحات المزروعة بمشروع الجزيرة باستخدام صور الاقمارالصناعية للعروة الشتوية 2019-2020 .

2- معايرةالمنشآت بمشروع الجزيرة للفترة من 2019 ومستمر

Workshops:

- Workshop on the development of the boundary relations with Ethiopia (2010), Singa, Sinnar State.
- The nine General Meeting for all the Information Centers in Sudan 2010, Singa, Sinnar State.
- Workshop on the Electronic ID 2012, Telecommunication Tower, Khartoum, Sudan
- Taskforce Workshop on infrastructure for extending the domestic network and execution of electronic government 2012, Telecommunication Tower, Khartoum, Sudan.
- The 3rd WeGO General Assembly 2014 in Chengdu, China, Roundtable Meeting under the theme " Innovation Successes, Challenges and the Way Forward"
- The Twelve General Meeting for all the Information Centers in Sudan 2014, North Kordofan State.
- The International Conference on Computer, Control, Electrical and Electronics Engineering ICCCEEE18 12-14 August 2018 Carinthia Hotel, Khartoum, Sudan .

Other Activities:

- Responsible of the server and networks in the HRC.
- Preparation and arrangement for the online meetings and telecommunications between the HRC and the Ministry.
- Linking other online conferences.
- Maintenance and antivirus arrangement for all the HRC computers.
- Arrangement for other trainee of the GIS training courses.