

Maweya Dafalla Abdelgader



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References

- **Prof. Younis A. Gismalla:**
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- **Dr. Mohammed Salaheldeen Abdelader:**
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Education

- M.S.c in Mathematics by courses and research, University of Gezira, Faculty of Mathematical and Computer Science. (Dec 2019)
- B.S.c (Honors) First Class Degree in Mathematics and Computer Science, University of Gezira, Faculty of Mathematical and Computer Science. (Dec 2015).

Experience

- * **Research Engineer** at the Hydraulics Research Center (HRC), Ministry of Irrigation and Water Resources. (Oct 2017-Present)

Responsibilities:

- ◇ Desktop Application Developer: design and code functional programs and applications. Ex: 1. Accounting system (for HRC). 2. Irrigation Fee Collection System (for MoIWR) 3. Internal Correspondence System (for HRC).
- ◇ Data Processing and Validation: cleaning and transforming the data to ensure it is accurate and consistent, and analyzing and interpreting the data to extract meaningful insights.
- ◇ Network administrator: monitoring and maintaining networks and computer systems.
- ◇ Technical Support Specialist: providing technical assistance for the staff (installing and configuring computer hardware, software, systems, printers and scanners, etc.)
- ◇ web developer: design, maintains and keep websites updated.
- ◇ Graphic design: design brochures, banners, magazines and e-newsletters.
- * **Lecturer** at Al-nour College of Science and Technology. (June 2021 – Present)
Responsibilities:
 - ◇ Preparing and delivering lectures, tutorials, and seminars.
 - ◇ Collaborating with other academics and lecturers to improve teaching methods and expand knowledge base.
 - ◇ Providing support to students and other colleagues.
- * **Teaching Assistant** at University of Gezira, faculty of Mathematical and Computer Science. (Oct 2015 – May 2019)
Responsibilities:
 - ◇ Teaching the practical part of the courses in the lab.

Courses & Workshops

- “F2R-CWANA Regional Water Accounting Training Workshop” by International Water Management Institute, Cairo - Dec 2022.
- “Professional Diploma in ORACLE Developer and DBA” by Sudacad, Khartoum – Oct 2022.
- “Computer Maintenance” Course by Afro-Tech Training Center, Khartoum - Sep 2022.
- “Design Websites using WordPress” Online Workshop by Technical Charity Organization – Sudan, Jun 2022.
- “Agricultural water productivity analysis using FAO WaPOR database and Open-source tools” Course by the Hydraulics Research Center, Wed-madani- Mar 2021.
- “Visual Methods for Water Communication" Course by IHE Delft Institute for Water Education, Delft - Aug 2019.
- “Ensemble Weather and River flow Forecasting at daily to seasonal time scales” course by World Bank, in Khartoum – Sudan, Oct 2018.
- “Oracle 10g SQL” course at Gezira University, Khartoum - Nov 2011.

Computer Skills

Expert

Windows, Microsoft Office Packages, Visual Basic.Net, Microsoft SQL Server, Oracle Database 12c, WordPress, Camtasia, InDesign.

Competent Practitioner

Python, Pfsense Firewall, Photoshop, Delphi.

Novice

ArcGIS, SPSS, Arena, HTML, CSS, Matlab.

Personal Skills

- ⇒ Deals effectively with a wide variety of people.
- ⇒ Speaks persuasively and articulately and listens carefully and accurately.
- ⇒ Able to pinpoint problems and initiate creative solutions.
- ⇒ Ability to work effectively in a team setting.