

# Dr. Majzooab Kamalaldin Omer Abdalrahman



Associate Professor – Information Technology

✉ majzooab10@gmail.com - mkomer@bu.edu.sa ☎ +966563784646

🏠 ALBAHA- ALJANUB STREET, BUILDING NO 6547, 65528 ALBAHA 📅 July 17, 1979

📍 Khartoum – Sudan ♂ Male 🇸🇩 Sudanese 👤 Married

🌐 [linkedin.com/in/dr-majzooab-kamal-aldein-omer-561a1060](https://www.linkedin.com/in/dr-majzooab-kamal-aldein-omer-561a1060)

To ease the indexing, it is preferred to use a link to one of the following indexing websites:

Scopus author ID : 57203043343

Google Scholars : <https://scholar.google.com/citations?user=KF-CfgoAAAAJ&hl=en>

Research Gate : [https://www.researchgate.net/profile/Majzooab\\_Omer](https://www.researchgate.net/profile/Majzooab_Omer)

ORCID ID : <https://orcid.org/0000-0001-7495-8690>

## Profile Summary:

*Lecturer and researcher with 10+ years of experience teaching courses in both undergraduate and postgraduate levels. Supervised +10 BSc - +10 MSc theses. and dissertations. Published +10 articles in peer-reviewed journals and conferences.*

## Education

2007 – 2011

- Ph.D. in Information Technology, Faculty of Computer Science and Information Technology, Alneelain University, Sudan. 2011., Khartoum – Sudan

2003 – 2005

- MSc in Information technology, Faculty of Computer Science and Information Technology, , Sudan. 2005. Alneelain University, Khartoum – Sudan

1998 – 2002

- BSc in Computer Science and Mathematics, Faculty of Science, Computer Science Department, , Sudan (2002) Very Good (Honor degree) . Alneelain University – Faculty of Science, Computer Science Department, Khartoum – Sudan

## Employment

2018 – Present

- Associate Professor  
Faculty of Computer Science and Information Technology – Alneelain University, Khartoum – Sudan

2011 – 2018

- Assistant Professor  
Faculty of Computer Science and Information Technology. Alneelain University, Khartoum – Sudan

2005 – 2011

- Lecturer.  
Faculty of Computer Science and Information Technology. Alneelain University, Khartoum – Sudan

2003 – 2005

- Teaching Assistant.  
Faculty of Computer Science and Information Technology – Alneelain University, Khartoum – Sudan

2007 – 2013

- Assistant Professor  
Faculty of Aviation (Private College) Computer Science Department, Khartoum – Sudan

2013 – Present

- Assistant Professor  
Al-Baha University, Kingdom of Saudi Arabia – Albaha

- 2011 – 2013 ■ Chairman of the E-Content  
Ministry of Education, Khartoum – Sudan
- 2011 – 2013 ■ Member of the Committee of E-Learning  
Ministry of Education, Khartoum – Sudan
- 2003 – 2008 ■ Head of Accounting and Management Information System Department  
Faculty of Computer Science and Information Technology. Alneelain  
University, Khartoum – Sudan
- 2010 – 2011 ■ Academic Registrar  
Faculty of Computer Science and Information Technology. Alneelain  
University, Khartoum – Sudan
- 2011 – 2013 ■ Dean  
Information Technology and Communications Management – Alneelain  
University, Khartoum – Sudan
- 2014 – 2017 ■ Head of Computer Science Department  
faculty of Arts and Science (Baljurashi) Al-Baha University, Kingdom of  
Saudi Arabia – Albaha

### Certificates

- 2007 ■ ORACLE 9I (ORACLE UNIVERSITY – INDIA )
- 2007 ■ PC HARDWARE / NETWORK ( HYDERABAD – INDIA )
- 2007 ■ MCSE WINDOWS 2003 ( HYDERABAD – INDIA )
- 2010 ■ E-learning course with Moodle Program in Sudan University of Science  
and Technologies
- 2011 ■ System and Methods of University Teaching Course at Advanced Training  
and Performance Development Center – Khartoum University
- 2013 ■ Participated in the e-learning conference – Kuwait
- 2015 ■ E-learning course with Black Board in Al Baha University
- 2016 ■ Advance E-learning course with Black Board in Al Baha University

### RESEARCH FUNDS/GRANTS :

- Performance Evaluation of Multi-Resolution Based Methods for Denoising Liver CT Images 2015
- Improving the CF Algorithm Based on User Behaviour to Complement the User-Item Rating Matrix 2017

### PROFESSIONAL DEVELOPMENT

- Attended All Package of MCSE and SQL Training, INDIA 2007.

### AWARDS :

2012, Excellence Management Director Alneelain University, Sudan

### SERVICE/OTHER RELEVANT EXPERIENCE/PROJECTS

- Chairman of the E-content – Ministry of Education – Khartoum Sudan 2013
- Member of E-Learning committee at The Ministry of Education – Khartoum Sudan 2013.
- Software project Manager – Deanship of Scientific research – AL Baha University 2015

## Languages

English

Arabic

## Skills

Python

C / C++

PHP - HTML - JAVASCRIPT - CSS

DBMS - ( Oracle )

DBMS - ( MySql )

Linux OS

## TEACHING EXPERIENCE:

- WEB Application
- Human Computer Interaction
- C/C++ Programming Language
- Data Structures and Algorithms
- Compiler Design
- Computer Networks
- Programming Language using PHP, JAVA
- Information Security
- E- Concepts.
- Advanced Operation System ( Master Course )
- Advanced Analysis and Design Algorithms ( Master Course )
- Internet Technologies.
- Introduction to Computer Science
- Object-Oriented Programming
- Software engineering / Fundamentals and advanced
- Database Management Systems
- Big Data
- Advanced Programming using Python Programming
- Simulation and Modelling
- Advanced web Technologies ( Master Course )
- Advanced Cloud Computing ( Master Course )

## Publication :

- A. Shahid, M. T. Afzal, M. Q. Saleem, M. S. E. Idrees and M. K. Omer, "Extension of direct citation model using in-text citations," Computers, Materials & Continua, vol. 66, no.3, pp. 3121–3138, 2021.
- Ali, M. Khan, W. Mehmood, W. Nisar, W. Aslam et al., "Cmmi compliant workflow models to establish configuration management integrity in software smes," Intelligent Automation & Soft Computing, vol. 27, no.3, pp. 605–623, 2021.
- Ali, S. M. Ali, W. Mehmood, W. Nisar, M. Q. Saleem et al., "Cmmi compliant workflow models to track and control changes," Intelligent Automation & Soft Computing, vol. 31, no.1, pp. 387–405, 2022.
- Y Perwej, MK Omer, OE Sheta, HAM Harb, MS Adrees The Future of Internet of Things (IoT) and Its Empowering Technology International Journal of Engineering Science 2019
- Omer, M.K., Adrees, M.S., Sheta, O.E. Recommend stages model to implement e-Government application strategies Journal of Engineering and Applied Sciences 2018
- Omer, M.K., Sheta, O.E., Adrees, M.S., Riyadi, M.A., Budiarto, R. Deep neural network for heart disease medical prescription expert system, Indonesian Journal of Electrical Engineering and Informatics 2018

- Adrees, M.S., Sheta, O.E., Omer, M.K., Stiawan, D., Budiarto, R. A Framework of Promoting Government Services using Social Media: Sudan E-Government Case Study, *Journal of Physics: Conference Series* 2019
- A Framework of Promoting Government Services using Social Media: Sudan E-Government Case Study Adrees, M.S., Sheta, O.E., Omer, M.K., Stiawan, D., Budiarto, R. *Journal of Physics: Conference Series*, 2019, 1167(1), 012062
- Mohmed Sirelkhtem Adrees, Majzoob K.Omer, Osama E. Sheta. Cloud Computing Adoption in the Higher Education (Sudan as a model): A SWOT Analysis. *American Journal of Information Systems*. Vol. 4, No. 1, 2016, pp 7-10. <http://pubs.sciepub.com/ajis/4/1/2>
- Mohamed Adrees, Majzoob K. Omer, "The Impact of the Islamic Digital Content on the Virtual Knowledge Society", *AL Hijaz International Refereed Journal for Islamic & Arabic Studies*. Issue 12, Shawal 1436 H, August 2015, pp 325-354
- Majzoob K. Omer, Osama E. Sheta and Mohamed S. Adrees, "Social Media Interactive Strategy Using Mobile Application Services", *American Journal of Engineering and Applied Sciences*, to appear in December 2015.
- Majzoob K. Omer. "Network Services Application to Controlling and Develop Institute Computer LABs" *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, Volume-5 Issue-1 June 2015, pp 29-33.
- Mohmed Sirelkhtem Adrees, Majzoob K. Omer, Osama E. Sheta. "Recommend Stages Model to Implement E-Government Application Strategies." *International Journal Of Core Engineering & Management (IJCEM)* Volume 2, Issue 3, June 2015, pp 31-40.
- Sheta, Osama E., Majzoob Kamal Aldein Omer, and Mohamed Sir Elkhtem. "Measuring the Blood Sugar Level and Time (BSLT) using Mobile Strategy to Remote Monitoring of DIABETES Chronic Diseases for Children in North African Countries." *Journal of Biomedical Engineering and Medical Imaging* 2.4 (2015): 1.
- Omer, Majzoob Kamal Aldein, Mohmed Sirelkhtem Adrees, and Osama E. Sheta. "Alternative Central Mobile Application Strategy to Deaf and Dumb Education in Third World Countries." *International Journal of Soft Computing and Engineering (IJSCE)*, Volume-5 Issue-3, July 2015, pp 45-50.
- Adrees, Mohmed Sirelkhtem, Majzoob Kamal Aldein Omer, and Osama E. Sheta. "CLOUD COMPUTING ARCHITECTURE FOR HIGHER EDUCATION IN THE THIRD WORLD COUNTRIES (REPUBLIC OF THE SUDAN AS MODEL)." *International Journal of Database Management Systems (IJDMS)* Vol.7, No.3, June 2015, pp 13-24.
- Adrees, Mohmed Sirelkhtem, Majzoob Kamal Aldein Omer, and Osama E. Sheta. "Management and Controlling Tourism Activity and Services (MCTAS) at ALBAHA City Using GIS.", *International Journal of Computer Science and Network*, Volume 4, Issue 3, June 2015, pp 451-557.
- MS Adrees, MKA Omer, OE Sheta CLOUD COMPUTING ARCHITECTURE FOR HIGHER EDUCATION IN THE THIRD WORLD COUNTRIES (REPUBLIC OF THE SUDAN AS MODEL) *International Journal of Database Management System* 7 (6), 13-24 -2015

## Highlights of Qualifications:

- - Wide experience in teaching assigned courses to undergraduates and graduates
- - Profound knowledge of student assessment process
- - Deep knowledge of instructional methodologies
- - Ability to develop online courses
- - Ability to assist in Collage administration duties
- - Ability to work effectively with students and faculty

## COMMITTEES :

- Computer Science Department accreditation and quality committee.
- Department timetable committee
- Software project Manager – Deanship of Scientific research – AL Baha University 2015
- Timetable, registration, and exams committee.
- Member of E-Learning committee at The Ministry of Education – Khartoum Sudan 2013.

## Professional Experience:

Reviewed and recommended improvements to current curriculum.

---

Prepared syllabus and course materials.

---

Assisted in research programs and incorporated findings in teaching activities

---

Assisted in student registration and recruitment activities.

---

Motivated students to achieve academic goals.

---

Conducted and graded student examinations.

---

Adhered to class schedules and college teaching policies.

---

## Skills and Qualities

Adventurous – I can take risks

---

Plain – I work well with others

---

Independent – I take the initiative

---

Cooperative – I work well as a part of team

---

Devotee – I am committed to the success of the company

---

Punctual – I have excellent time management skills

---

Ambitious – I strive to succeed

---

Eloquent – I express myself well in front of groups

---

Cheerful – I create a positive work environment

---

Polite – I care about the atmosphere in the workplace

---

Vigorous – I can work long and hard

---

Responsible – I always complete the task on time

---

## References

**Professor AWAD Haj Ali Ahmed**

Department of Computer Science, Faculty of Computer Science and Information Technology, Alneelain University, Khartoum - Sudan

profawad@profawad.info

**Professor Elsmeni Abdulmutallab Ahmed**

Department of Computer Science, Faculty of Computer Science and Information Technology Alneelain University,, Khartoum - Sudan

profsamani@gmail.com

**Professor Rahmat Budiarto**

Department of Computer Science and Engineering Faculty of Computer Science and Information Technology, AlBaha University, Saudi Arabia - Albaha

Rahmatbudiarto1961@gmail.com