

# Curriculum Vitae

Dr. Shazali Siddig Mohmmmed Ahmed



## PERSONAL DETAILS

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**Name** Dr. Shazali Siddig Mohmmmed Ahmed  
**Current Position** Associate Professor  
**Date of Birth** 01/12/1981  
**Nationality** Sudanese  
**Marital Status** Married  
**Address** Sudan  
**Mobile** +249-(0)-122002233 ,+249-(9)15930029  
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**Languages** Arabic (Native), English Excellent.

**Linkedin :** <https://www.linkedin.com/in/shazali-siddig-76047072>

**Scholar :** <https://Scholar.google.com/shazali-siddig-mohmmmed>

**Researchgate:** <https://www.researchgate.net/profile/shazali-siddig>

## BIOGRAPHY

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I am Dr. Shazali Siddig Mohmmmed Ahmed graduated with a Bachelor of Computer Science from Alneelain University. I obtained Master's Degree in Information Technology from Alneelain University Sudan and PhD in Information Technology with excellent academic achievements from Alneelain University. I promoted to Associate Professor at 2023. I was the Head of Library Information System department at the Faculty of Computer Science at Alneelain University. I was manager of computer center at Alneelain University. I worked as Assistant professor at Alneelain University in 2015, Emirates Collage for Science and Technology (Khartoum – Sudan) from 2015 – 2019, and White Nile University from – 2019 – 2020, Alwatania University (Khartoum, Sudan) from 2020 – 2021, Nile University (Khartoum, Sudan) from 2021- 2022 .Currently I work as Associate Professor at Alneelain University and the current post is a Dean of Electronic Learning Deanship at Alneelain University. In my academic career I has taught at both undergraduate and postgraduate level, mostly for subjects related to Computer Science, Information Technology, and Information Systems. My research interest includes Data mining, Artificial Intelligence, Data Science. I have been authored

14 journal articles and conference papers describing research into novel techniques for computerized Information Technology and Computer Science.

## **EDUCATION**

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**PhD in Information Technology – Alneelain University – Sudan**

2012 - October 2015

**Thesis Title:** IMPROVED A LOGIN DETECTION KEYSTROKE BASED MODEL

**Thesis Advisor:** Prof. Dr. **Awad Haj Ali Ahmed**

**MSC in Information Technology – Alneelain University - Sudan** April 2008 – Sep 2010

**BSc in Computer Science – Alneelain University – Sudan**

January 2000 - Sep 2004

## **WORK EXPERIENCE**

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- **2023:** Associate Professor in Alneelain University- faculty of computer science & IT.
- **2023:** Associate Professor in Afro-Asian University -faculty of information technology.
- **2022:** Participated in foundation of the Afro-Asian University, Cairo, Egypt.
- **2022:** Director of Computer Center, Nile University, Khartoum, Sudan.
- **2021:** Director of Information Technology –Alwatania University, Khartoum, Sudan.
- **2020-2021** Member of Scientific Council- White Nile University
- **2019** up to date: Dean of Electronic Learning Deanship, Alneelain University, Khartoum, Sudan.
- **2019** up to date Member of Dean’s Council –Alneelain University.
- **2019:** Head of the Committee of Which Developing Curriculums of the Faculty of Computer Science and Information Technology, Alneelain University
- **2018-2019:** Head of Information Technology Department- Emirates Collage for Science & Technology, Sudan
- **2015** Member of Scientific Council- Emirates College of Science and Technology
- **2015** up to date External examiner of computer science and IT programs in many local Universities and Colleges.
- **2015:** promoted to Assistant Professor-Alneelain University- faculty of computer science & IT- Sudan
- **2015:** Director of Computer Center- Alneelain University- Sudan.
- **2015-2019:** Assistant Professor-Emirates Collage for Science & Technology-Sudan
- **2012** up to date Member of The Council of Professors-Alneelain University-Sudan
- **2012:** Head of library Information System Department-Alneelain University, Sudan.
- **2010-2019** Member of Faculty Computer Science and Information Technology Council
- **2010 - 2014:** Lecturer -Faculty of Computer Science & Information Technology, Alneelain University, Sudan
- **2007 - 2010:** Teaching Assistant-Faculty of Computer Science & Information Technology, Alneelain University, Sudan.

## **Other Work Experience**

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- Configuration & Administration LAN Networks.
- Administrator of Moodle learning Management System.
- Installation Microsoft Operating Systems (Windows+ Office).
- Data Analysis using Business Intelligence concepts under Power BI.
- Archiving Documents Using Dspace Software.
- Data Mining using weka tools and Python Language.
- Using C, C++, JAVA, Python, HTML5, php, Oracle, sql , my sql
- Working under Linux Operating System Ubuntu.

## **SOCIAL ACTIVITIES**

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- Volunteer in some community organizations.

## **TRAINING ACTIVITIES**

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- Umharaz Training Center -Sudanese Electricity Company (Certified Trainer in ICDL, GIS).
- Sudatel Telecommunication Academy (Certified Trainer in Big Data).

## **RESEARCH INTERESTS**

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- Data mining &Machine Learning
- Keystroke Detection.
- Text mining.
- Big Data.
- Data Science.
- Cloud computing

## **REVIEWER JOB**

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- **Graduate Studies Journal (Outstanding Reviewer)** – Alneelain University.
- **Computer Science and Technology Journal(Reviewer)**-Alneelain University
- **Computer Science and Technology Journal(Reviewer)**-Omdurman Islamic University

## WORKSHOPS, CERTIFICATES, SEMINARS & TRAINING ATTENDED

No	Workshop & Training Title	Duration	Date	Organizer
1	Achievement Test Skills	5 days	Feb 2012	The Open University of Sudan
2	Diploma in Neural Language programming	4 days	Apr 2013	Abdelmonam ALemmeri Human Resources Development Center
3	Quality and Self-Evaluation	3 days	Apr 2013	Sudan university of Science &Technology
4	The Development Professional Performance of the University Professor	11 days	Dec 2012	Alneelain University-faculty of Education
5	The Arts of Time Management	1 day	Aug 2016	Emirates College of science and Technology
6	Techniques of Scientific Paper Writing	3 days	March 2017	Khartoum University Center For Advanced Training
7	The ART Of Writing Publishable Scientific Manuscript Skills & Rules	3 days	May 2019	Alneelain University Scientific Research Deanship
8	Machine Learning and Data Science for Sustainable Development.	3 days	June 2019	Addis Ababa University(Ethiopia)
9	Data Science in Africa Workshop	2 days	June 2019	Addis Ababa University(Ethiopia)
10	How to be a Remote Teacher in 24 hrs.	1 day	June 2020	Hamdan Bin Mohammed Smart University
11	Coordinator of the First <sup>academic</sup> conference of Computer	2 days	2010	Alneelain University
12	Arab Conference of Information Technology	3 days	Dec 2013	Sudan University of Science &Technology
13	5 <sup>th</sup> Annual conference of Post Graduate College	3 days	2013	Alneelain University
14	Rapporteur of 7 <sup>th</sup> Annual conference of Post Graduate College	3 days	2015	Alneelain University
15	Cloud Computing Workshop	2 days	2015	University of Khartoum
16	Organizer of Cloud Computing Workshop	1 day	2015	Alneelain University
17	4 <sup>th</sup> International conference of computer science and Information Technology	4 days	2016	University of Gadaraf

18	Presenter in 6 <sup>th</sup> International Conference of Computer Science and Information Technology	2 days	2018	Alzaeem Alazhary University
19	Rapporteur of 11 <sup>th</sup> Annual conference of Post Graduate College	2 days	2019	Alneelain University

## LIST OF PUBLICATIONS

### Selected Publications

1. **Shazali Siddig Mohammed**, Awad Haj Ali , 2015, Phishing Attack Detection Using Sequential Minimal Optimization (SMO) Algorithm Tahnoon Journal for Studies and Scientific Research, march 2017, <http://www.eust.edu.sd/images/pdf/magazine-3.pdf>.
2. **Shazali Siddig**, The Prediction of Sudan's E-government Development Index For 2017, Vol 31, Journal of Graduate Studies College ,2017 <http://hdl.handle.net/123456789/4165> .
3. **Shazali Siddig** , Using Buffering Algorithm to Improve HTTP Streaming Quality, Journal of Graduate Studies college, vol-47, 15-Oct-2018, <http://hdl.handle.net/123456789/13816> .
4. Mohammed M Mohammed1, Nagi A. Mohamed2, Ali A. Adam3, **Shazali S. Ahmed4**, Fakhreldeen A. Saeed5, "Current Directions and Future Research Priorities of Customer Data Analysis", Journal of Information Systems and Informatics, Vol.2, No.2,September 2020.( <http://journal-isi.org/index.php/isi> ).
5. Khalid Mohammed Musa Yaagoup1,5, Abd Elhafeez Hamid2, **Shazali Siddig Mohammed3**, Mohamed Elhafiz Mustafa4,6, International Journal of Advanced Research in Computer and Communication Engineering( **IJARCCCE**), Vol. 9, Issue 11,November 2020.( [https://ijarcce.com/?s=shazali+siddig&et\\_pb\\_searchform\\_submit=et\\_search\\_process&et\\_pb\\_include\\_posts=yes](https://ijarcce.com/?s=shazali+siddig&et_pb_searchform_submit=et_search_process&et_pb_include_posts=yes)).
6. Fatima Salih Ibrahim, Eltyeb Elsamani, **Shazali Siddig**, Sentiment Detection on Sudanese Political Tweets Using Deep Learning Approach , International Journal of New Technology and Research (IJNTR), Volume-7, Issue-2, February 2021,(<https://www.ijntr.org/vol-7issue-2>).
7. Fatima Salih Ibrahim, Eltyeb Elsamani, and **Shazali Siddig** ,Using Machine Learning to Analyze Sudanese Opinions for Political Decision Making International Journal of Machine Learning and Computing, Vol. 12, No. 3, May 2022, <http://www.ijmlc.org/vol12/1085-1667.pdf>
8. Awad haj Ali, **Shazali Siddig**, current& future of Cryptocurrency, Journal of white Nile University, [https://www.wnu.edu.sd/magazine/magazine\\_issu/19/3.pdf](https://www.wnu.edu.sd/magazine/magazine_issu/19/3.pdf).

9. **Shazali Siddig** ,Nafesa Abdo Hassan, Cloud computing and its relationship to E-learning and its employment in Sudanese Universities,**2023**, Rihan Journal for Science Publishing , P196,issue32
10. Badraldeen Hassan Altahir, Abdelrahman Elsharif Karrar, **Shazali Siddig Mohmmmed**, The Impact of Semantic Web and Ontology to Improve E-government Services: A Systematic Review, 2023, Indonesian Journal of Electrical Engineering and Informatics (IJEI), P1082-1096, Vol 11 ,Issue 4.
11. Badraldeen Hassan Altahir, Abdelrahman Elsharif Karrar, **Shazali Siddig Mohmmmed** ,**ontology Design Patterns for E-Government Services : An Applied Study on Sudan’s Ministry of Interior. Under publication.**

## **SUPERVISION EXPERIENCE**

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Supervision of many Students who got their B.S.C and M.S.C Degrees in Computer Science- Information Technology- Information Systems.

### **Selected topics:**

- Prediction of covid19 using classification techniques, J48 Algorithms
- Prediction of sales rate using data mining techniques, regression method.
- Phishing Attack Detection Using Sequential Minimal Optimization (SMO) Algorithm.

### **Ph.D. Students**

Co-supervisor for 4 Ph.D. Students on the following topics

- Sentiment Detection on Sudanese Political Tweets using Deep Learning.(Done )
- The Impact of Semantic Web and Ontology to Improve E-government Services
- Developing a Traffic Accidents Prediction Model using Data Mining Techniques.
- Developing a Model to Improve Data Quality in Data Collection System Using Data Science.

## **REFERENCES**

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**Prof. Dr. Awad Haj Ali Ahmed**

Alneelain University

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