

CURRICULUM VITAE

Name : *Mumdouh Mirghani Mohamed Hassan*

Address : *Al-Mandaq –Baha – Saudi Arabia & Albaha
University, Al-Baha*

Phone contacts : *+966530571137*

Email address : *mail:nucsit019@gmail.com &
mmhassan@bu.edu.sa*

Nationality : *Sudanese*



CAREER PROFILE/SUMMARY

Over 14 years of professional work experience in Information Technology industry and academia , My research interests are in information technology in data mining, GIS software, and I love working in community service. I have worked in many skills development courses, I find myself in the process of teaching and communicating information to students , as a (assistant professor) - Al Neelain University, Faculty of computer science & information technology, Khartoum, SUDAN. Programming languages, System Analysis and Design, Networks, Decision Making Support, Data Structure and Data Base Management Systems, Java ,Python, O.O.P, SPSS, Information system, Compiler design, Distributed data base, Data mining, E trading, E learning, Management Information system, Operating system and Intelligent Systems . • Member of the Association of Deans of Computer Science Colleges – Khartoum.

EDUCATION/ACADEMIC QUALIFICATIONS

8/ 2007 Ph.D. Information Technology (Design of a Standard Information System using GIS software). Al Neelain University – Sudan .

3/2004 M.Sc . Computer Science and Information Technology

(Design of a Standard Information System) Al Neelain University – Sudan

.6/1999 B.Sc. (Hons) Computer Science & mathematics - Faculty of Science and Technology -Al Neelain University – Sudan.

EMPLOYMENT HISTORY

- 2011 – Present

Albaha University, Al-Baha, K.S.A. assistant professor, Computer Science.

- 2007- 2011 .

Assistant Professor - Faculty of Computer Science and Information Technology-Al Neelain University – Sudan.

- 2004 -2009

Head of Information Technology Department, Faculty of Technology of Mathematical and Statistical Sciences-Al Neelain University – Sudan

- 2008 -2011

Teaching in the Master of Information Technology and Information Systems and supervising the number of 29 Master's Thesis - Faculty of Computer Science and Information Technology .

- *Teaching in the Higher Diploma in Information Technology and Information Systems and supervision of 45 research in the Higher Diploma - Faculty of Computer Science and Information Technology*

Teaching all B.Sc .courses in information technology and bachelor's degree in information systems. Supervising 77 bachelor's research, Faculty of Computer Science and Information Technology -Al Neelain University – Sudan.

Visiting Professor, Kassala University, Faculty of Computer Science, Information Systems Department, Imam Al-Mahdi University, Kosti, Computer Science Department, Information Systems Department, Information Technology Center- Al Neelain University – Sudan.

- 2004- 2007

*as a (**Lecturer**) - Al Neelain University, Faculty of computer science & information technology, Khartoum, SUDAN.*

- 2000 – 2004

*as a (**Teaching Assistant**) - Al Neelain University, Faculty of Technology of Mathematic and Statistic Science, Khartoum, SUDAN.*

- 1999 – 2000

Programmer in the General Command of the National Service

*as a (**Teaching Assistant**) at the Faculty of Statistics, Population and Information Technology.*

PUBLICATIONS

- *Working paper in Gis applications in highways .Nile Basin Research Journal, Issue No.9, Vol. 1, Dec(2007)*
- *working paper entitled after road traffic safety in Khartoum State Nile Basin Research Journal, Issue No.11, Vol. 1, (2009)*
- *Book of wireless networks and mobile networks for students of the Master of Information Technology (2009)*
- *Book of Applications of GIS in Sudan for Master Students Information Systems (2010)*
- *worksheet to choose the best route between the cities of Khartoum and Port Sudan using GIS Al Zaeim Al azhari Research Journal, Issue No.7, mar. 1, (2013).*
- *Correlation of Absorption Profile and Fill Factor in Organic Solar (January 2013)*
- *the Internet-of-Things (IoT) Security : A Technological Perspective and Review (February 2019)*
- *The Internet of Things (IoT) and its Application Domains (April 2019)*
- *Using Intelligent Transportation Systems the Modern Traffic Safety on the Highway in the Sudan (May-2019)*
- *Certificate for Activist at ARID Scientific Events Badge 2021 on 14/12/2021 on ARID Scientific Platform*
- *The Ninth International Scientific Forum entitled "Knowledge Development for the Development of Civilized Societies", which was held by the ARID Scientific Platform in the Turkish city of Trabzon 11/2021*
- *Using Online Appraising Performance during Co id 19 (February 2022)*
- *Prediction of Accident Sites in Bahi Al - Mandaq Road using Geographical Information Systems (GIS) under publication..*
- *The use of geographic information systems in the development of tourism in the area under publication.*
- *Measuring human development indicators for the northern states of Sudan under publication.*
- *A book on GIS applications using ArcGis under publication.*

TEACHING EXPERIENCE

- 2011 – Present

Albaha University, Al-Baha, K.S.A. assistant professor, Computer Science.

- 2007- 2011 .

Assistant Professor - Faculty of Computer Science and Information Technology-Al Neelain University – Sudan.

- 2004 -2009

Head of Information Technology Department, Faculty of Technology of Mathematical and Statistical Sciences-Al Neelain University – Sudan

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Visiting Professor, Kassala University, Faculty of Computer Science, Information Systems Department, Imam Al-Mahdi University, Kosti, Computer Science Department, Information Systems Department, Information Technology Center- Al Neelain University – Sudan.

- 2004- 2007

as a (Lecturer) - Al Neelain University, Faculty of computer science & information technology, Khartoum, SUDAN.

- 2000 – 2004

as a (Teaching Assistant) - Al Neelain University, Faculty of Technology of Mathematic and Statistic Science, Khartoum, SUDAN.

- 1999 – 2000

Programmer in the General Command of the National Service

as a (Teaching Assistant) at the Faculty of Statistics, Population and Information Technology.

COMMITTEES

- *Participating in a group of committees at Al-Baha University*
- *Member of the Association of Deans of Computer Science Colleges, Khartoum, Al Neelain University, Sudan, 2009 till now*
 - *Member of the Arab Union for the Development of Human Resources (Trainer) - Bahrain 2010 till now*
 - *Member of Curriculum Committee (B.Sc , Higher Diploma and Master), Faculty of Computer Science and Information Technology, Al Neelain University*
 - *Chairman of Curriculum Committee (B.Sc , Higher Diploma and Master of Information Systems), Faculty of Computer Science and Information Technology, Al Neelain University*
 - *Chairman of the Arabization Committee College of Computer Science and Information Technology - Al Neelain University*
 - *External Examiner of College of Computer Science and Information Technology - Omdurman National University - Al-Sharq Al-Ahlia College.*
 - *Rapporteur of the plans committee - Faculty of Science and Arts in almandq - University of Baha-1433 to 1437.*

SERVICE/OTHER RELEVANT EXPERIENCE/PROJECTS

- *A different course at Al-Baha University from 2011 till now*
- *Course of Geographic Information Systems - Geological Research*
- *Laboratory Management Course - Al-Ahfad University*
- *Course of Programming - Computer Center - Al Neelain University*
- *Maintenance Course - Computer Center - Al Neelain University .*

PROFESSIONAL DEVELOPMENT

- *Member of the Association of Deans of Computer Science Colleges, Khartoum, SUDAN.*
- *Member of the Arab Union for the Development of Human Resources (Trainer) – Bahrain.*

REFERENCES

- *Professor Awad Haj Ali Ahmed*
Faculty of Computer Science and Information Technology-Al Neelain
University – Sudan
Email: awadh@ sudamil.net
- *Professor Elsamani Abd Elmutalib Ahmed*
Faculty of Computer Science and Information Technology-Al Neelain
University – Sudan
Email: profsamani @gmail.com Phone: +249912131210