

Curriculum Vitae

PERSONAL INFORMATION

Hago Elteraifi Mohamed Dafalla

📍 Wad Madani, Sudan
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OBJECTIVE

Highly accomplished and dedicated PHD holder and Assistant Professor with over 20 years of exemplary experience in teaching, research, and administrative leadership. Seeking a challenging role where I can leverage my expertise to inspire students, advance academic research, and contribute to the strategic development of an esteemed institution. Committed to fostering an inclusive learning environment, nurturing interdisciplinary collaboration, and enhancing institutional excellence through innovative teaching methodologies and effective administrative practices.

WORK EXPERIENCE

Oct.2022 – Present **Part time Lecturer**
Wad Madani Ahlia University

Main activities:

- Delivering lectures, seminars, and workshops on specialized topics within the field of engineering and technology, ensuring alignment with course objectives and curriculum standards.
- Developing course materials, including syllabi, lesson plans, assignments, and assessments, to facilitate student learning and engagement.
- Providing mentorship and academic support to students, offering guidance on coursework, projects, and career development opportunities.
- Conducting assessments, grading assignments, and providing constructive feedback to students to enhance their understanding and academic performance.
- Keeping abreast of advancements and trends in engineering and technology, integrating relevant industry insights and real-world applications into teaching materials and discussions.
- Collaborating with other faculty members and departmental staff to contribute to curriculum development, program assessment, and accreditation processes.
- Participating in faculty meetings, workshops, and professional development activities to stay informed about best practices in teaching and learning methodologies.
- Maintaining regular communication with students, colleagues, and departmental administrators regarding course logistics, scheduling, and academic matters.

- Adhering to institutional policies, academic standards, and ethical guidelines in all aspects of teaching and professional conduct.
 - Flexibly adapting to the needs of the department and accommodating changes in teaching assignments or instructional methodologies as required
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Jan.2014 – Aug.2022

Lecturer

Faculty of Education, Alajilat, University of Zawia, Libya

Main activities:

- Conducting lectures, seminars, and workshops on educational theory, pedagogy, and curriculum development for undergraduate or graduate students pursuing degrees in education.
 - Developing and delivering course materials, including syllabi, lesson plans, instructional resources, and assessment tools, aligned with curriculum objectives and academic standards.
 - Providing academic guidance, mentorship, and support to students, including advising on academic pathways, career opportunities, and research projects within the field of education.
 - Facilitating discussions, group activities, and experiential learning opportunities to foster critical thinking, problem-solving, and collaborative skills among students.
 - Assessing student performance through assignments, examinations, presentations, and projects, and providing constructive feedback to enhance learning outcomes and academic achievement.
 - Supervising student teaching practicums, classroom observations, and fieldwork experiences to support pre-service teachers' professional development and classroom readiness.
 - Engaging in scholarly activities, including research, publication, and conference participation, to contribute to the advancement of knowledge in education and enhance the academic reputation of the university.
 - Participating in departmental meetings, faculty committees, and curriculum development initiatives to contribute to decision-making processes, policy development, and continuous improvement efforts.
 - Collaborating with colleagues, educational institutions, and community stakeholders to promote interdisciplinary collaboration, educational partnerships, and community engagement initiatives.
 - Adhering to academic integrity, ethical standards, and institutional policies in all aspects of teaching, research, and professional conduct, while fostering a supportive and inclusive learning environment conducive to student success and academic excellence.
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Jun.2008-Jun.2014

Lecturer

Faculty of Engineering and Technology, University of Gezira, Wad Madani, Sudan

Main activities:

- Conducting lectures, seminars, and laboratory sessions on core and specialized topics within the field of engineering and technology, tailored to undergraduate or graduate students.
- Developing comprehensive course materials, including syllabi, lesson plans, lecture notes, and assessments, in accordance with curriculum requirements and academic standards.
- Designing and implementing innovative teaching methodologies, instructional strategies, and active learning techniques to enhance student engagement and comprehension.
- Providing academic guidance, mentorship, and support to students, including advising on course selection, academic progress, and career pathways within the engineering discipline.
- Supervising student projects, research endeavours, and laboratory experiments, fostering hands-on learning experiences and facilitating practical skill development.
- Conducting assessments, grading assignments, examinations, and project submissions, and delivering timely and constructive feedback to students to promote their academic growth and achievement.
- Collaborating with colleagues, departmental teams, and industry partners to contribute to curriculum development, program enhancement, and research initiatives within the Faculty of Engineering and Technology.
- Engaging in scholarly activities, including research, publication, and conference participation, to advance knowledge in the field and contribute to the academic reputation of the university.
- Participating in departmental meetings, faculty committees, and academic governance activities to contribute to decision-making processes, policy development, and strategic planning efforts.
- Maintaining active involvement in professional organizations, networks, and community outreach initiatives to stay informed about emerging trends, best practices, and opportunities for collaboration in the engineering and technology domain.

1995-2008

Teaching assistant

Faculty Engineering and Technology, University of Gezira, Wad Madani, Sudan

Main activities:

- Assisting faculty members in the preparation and delivery of lectures, tutorials, and laboratory sessions for undergraduate or graduate engineering courses.
- Providing academic support to students through one-on-one consultations, group study sessions, and tutoring sessions, addressing questions, and clarifying concepts covered in lectures.
- Grading assignments, quizzes, and examinations, ensuring accuracy, fairness, and consistency in assessment practices, and providing feedback to students to aid in their learning process.
- Assisting in the development and maintenance of course materials, including lecture slides, handouts, problem sets, and lab manuals, to support effective teaching and learning outcomes.
- Facilitating discussions, demonstrations, and hands-on activities during laboratory sessions or practical workshops, promoting active engagement and experiential learning among students.

- Supporting faculty members in supervising student projects, research endeavours, and design initiatives, providing guidance and assistance as needed to ensure project success.
- Assisting with administrative tasks related to course management, such as organizing class schedules, maintaining attendance records, and managing online learning platforms or course websites.
- Collaborating with faculty members and fellow teaching assistants to evaluate and improve instructional methodologies, assessment strategies, and curriculum materials for continuous enhancement of teaching quality.
- Participating in professional development opportunities, workshops, and training sessions to enhance teaching skills, stay current with pedagogical trends, and contribute to personal and professional growth.
- Upholding academic integrity, ethical standards, and institutional policies in all aspects of teaching assistance, fostering a positive and inclusive learning environment conducive to student success and academic excellence.

May.1999–Jun.2014

System Administrator and Network Manager

Faculty of Engineering and Technology, University of Gezira

Main activities:

- Managing and maintaining the overall IT infrastructure, including servers, networks, and systems, to ensure optimal performance, reliability, and security within the Faculty of Engineering and Technology.
- Installing, configuring, and troubleshooting hardware and software components, including servers, routers, switches, firewalls, and network devices, to support academic and administrative activities.
- Monitoring network traffic, system logs, and performance metrics to identify and address potential security threats, vulnerabilities, and operational issues proactively.
- Implementing and enforcing security measures, access controls, and data protection policies to safeguard sensitive information, intellectual property, and academic resources.
- Managing user accounts, permissions, and access rights, and providing technical support to faculty, staff, and students for resolving IT-related issues and inquiries.
- Planning and executing network upgrades, expansions, and migrations, ensuring minimal disruption to ongoing activities and maintaining compatibility with emerging technologies and standards.
- Collaborating with IT teams, vendors, and external service providers to procure hardware, software licenses, and technical solutions aligned with the Faculty's requirements and budgetary constraints.
- Developing and maintaining disaster recovery plans, backup procedures, and contingency measures to mitigate the impact of system failures, data loss, or cyber incidents on academic operations.
- Conducting regular system backups, software updates, and patch management activities to enhance system stability, performance, and resilience against security threats and vulnerabilities.
- Providing technical expertise, guidance, and training to faculty and staff members on IT best practices, usage of IT resources, and adoption of emerging technologies to support teaching, research, and administrative activities effectively.

Aug.1995–May.1999

E-Mail Server (Node) Engineer and System Operator (SYSOP)

Faculty of Medicine, University of Gezira

Main activities:

- Configuring and maintaining email server software and hardware components, including servers, storage systems, and network equipment, to support efficient message delivery, storage, and retrieval.
- Monitoring email server performance, message queues, and system logs to identify and troubleshoot technical issues, bottlenecks, and spam-related activities in a timely manner.
- Implementing and enforcing email security policies, anti-spam measures, and encryption protocols to protect sensitive information, intellectual property, and academic communications.
- Managing user accounts, distribution lists, and email aliases, and providing technical support to users for configuring email clients, resolving connectivity issues, and managing mailbox quotas.
- Collaborating with network administrators, system engineers, and cybersecurity specialists to integrate email services with overall IT infrastructure, ensuring compatibility, interoperability, and compliance with industry standards.
- Conducting regular backups, data archiving, and disaster recovery procedures for email server systems to mitigate the risk of data loss, system downtime, or cybersecurity incidents.
- Providing training, documentation, and user education sessions to faculty, staff, and students on email best practices, usage policies, and security awareness to promote responsible email usage.
- Evaluating and recommending email server upgrades, patches, and enhancements to improve performance, scalability, and security posture, based on emerging technologies and industry trends.
- Maintaining up-to-date knowledge of email server technologies, protocols, and standards, and participating in professional development activities, training programs, and industry conferences to stay abreast of advancements in the field.

Jun.1994–Jun.1995

Hardware Engineer in Computer Studies Center

Faculty of Engineering and Technology, University of Gezira

Main activities:

- Operating and maintaining a computer laboratory consisting of 60 computers, ensuring all hardware components are functioning optimally and meeting the needs of students and faculty.
- Conducting regular inspections and diagnostic tests on computer equipment, including CPUs, monitors, keyboards, mice, and peripherals, to identify and address hardware malfunctions or failures promptly.
- Performing routine maintenance tasks, such as cleaning, dusting, and replacing worn-out components, to prolong the lifespan and reliability of computer hardware in the lab.
- Installing, configuring, and upgrading computer hardware components, including RAM, hard drives, graphics cards, and network adapters, to meet evolving technological requirements and software demands.
- Troubleshooting hardware-related issues, such as system crashes, connectivity problems, and hardware conflicts, and implementing timely solutions to minimize downtime and disruptions to lab activities.
- Managing inventory of computer parts, accessories, and consumables, and coordinating procurement activities to ensure adequate supply levels and timely replacements as needed.
- Collaborating with faculty members, IT staff, and technical support teams to support instructional activities, research projects, and academic events requiring computer lab resources.
- Providing technical assistance and guidance to students and faculty members on the proper use of computer equipment, software applications, and peripheral devices available in the lab.
- Implementing security measures and access controls to protect computer systems and data stored within the lab environment from unauthorized access, viruses, and malware threats.
- Keeping abreast of advancements in computer hardware technology, industry standards, and best practices in hardware maintenance and support, and recommending upgrades or improvements to enhance lab functionality and efficiency.

Jan.1994–Jun.1994

Engineer in Imam Company for Technology
Faculty of Medicine, University of Gezira

Main activities:

- Installing and configuring software applications on lab computers, including operating systems, productivity tools, and specialized software for educational purposes.
- Ensuring proper licensing, activation, and compatibility of software installed, and resolving installation issues or software conflicts as needed.
- Performing regular maintenance tasks on computer hardware, such as cleaning, dusting, and replacing worn-out components, to ensure optimal performance and longevity.
- Conducting diagnostic tests and troubleshooting hardware malfunctions or failures, and implementing timely repairs or replacements to minimize downtime.
- Providing training sessions for dealer personnel on the features, functionalities, and technical specifications of computer hardware and peripherals sold or serviced by the university.
- Demonstrating proper handling, installation procedures, and maintenance techniques for hardware components to ensure dealer personnel are equipped to support end-users effectively.

EDUCATION

B.Sc. Honours in Engineering Technology, Electronics, (Telecom & Control), Faculty of Science & Technology, University of Gezira- November.1993

Master (M.Sc.) Degree in Computer Engineering and Networks, Faculty of Engineering & Technology, University of Gezira- May.2008

PHD Degree, in Computer Science, Open University of Sudan, Sudan- Aug.2019

TRAINING/WORKSOPS/
CONFERENCES and CIVIL
WORK

- Feb-Apr 1992: Gezira Television.
- Feb-Mar 1993: Gezira Telecom Project.
- Jan.1994-June.2001: Teaching in Physics and Computer Laboratories, Faculty of Education, School of Mathematics and Computer science, Faculty of Engineering and technology, Faculty of Pharmacy and Faculty of Agriculture, University of Gezira.
- Apr-May.1996: Training in E-Mail by Dr, Khursheed, McMaster University, Canada.
- 11 to 19 July.1998: Network Training workshop for Countries in the Early Stages of Internetworking, Network Navigation and Services Track, Geneva, Switzerland, Using UNIX as Operating System.
- 20 to 21 Jul.1998: Developing Countries Networking Symposium, Geneva, Switzerland, Using UNIX as Operating System.

- 21 to 24 Jul.1998: INET'98 Conference, Geneva, Switzerland, Using UNIX as Operating System.
- 26 Jul.1998 to Now: Internet Society Memberships (ISOC).
- 12 Oct-7 Nov.1998: Fifth College on Microprocessor-Based Real-Time System in Physics, in the
- Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy, Using LINUX as Operating System.
- 1-19 Feb. 1999: Second ICTP-URSI-ITU/BDT School on The Use of Radio for Digital Communication in Developing Countries, in the Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy, Using LINUX as Operating System.
- 7 -11 May.2001: African Network Operators' Group (AFNOG) Workshop for Internetworking in Scalable Network Infrastructure, Accra, Ghana, Using UNIX as Operating System.
- 12 -13 May.2001: African Network Operators' Group (AFNOG) Meeting, Accra, Ghana.
- 13 -14 May.2001: AFRINIC Meeting, Accra, Ghana.
- 8-13 Jun.2003: African Network Operators' Group (AFNOG) Workshop for Internetworking
- In Scalable Internet Services. Kampala, Uganda, Using UNIX as Operating System.
- 14 -15 Jun.2003: African Network Operators' Group (AFNOG) Meeting, Kampala, Uganda.
- 15 Jun. 2003: AFRINIC Meeting, Kampala, Uganda.
- 20 Oct-14 Nov.2003: Second Workshop on Distributed Laboratory Instrumentation Systems, Trieste, Italy, Using LINUX as Operating System.
- 24 Nov-12 Dec.2003: Microprocessor Laboratory African Regional Course on Advanced VLSI Design Techniques [Venue: College on Engineering (KNUST), Kumasi, Ghana, Using LUNIX as Operating System.
- May.2006-Jun.2012: Teaching and Instructor, in the Department of Computer Science and Information Technology, Sudan Open University.
- 7 -12 May.2006: African Network Operators' Group (AFNOG) Workshop in UNIX System Administrator, Nairobi, Kenya, Using UNIX as Operating System.
- 13-14 May.2006: National Research and Education Network Workshop (NREN), Nairobi, Kenya.
- 15 May.2006: African Network Operators' Group (AFNOG) Meeting, Nairobi, Kenya.
- 16 -17 May.2006: AFRINIC Meeting, Nairobi, Kenya.
- 18 May.2006: INET Africa Conference, Nairobi, Kenya.
- 2 -7 Nov.2008: ICANN33 Meeting, Cairo, Egypt.
- 8 -10 Nov.2008: 3rd Meeting of the Arabic Script in Internationalised Domain Names Working Group (ASIWG), Cairo, Egypt.
- 1 Dec.2008-23 Jan.2009: Diploma in Linux for Network Applications, Centre for Development of Advanced Computing, Mohali, Chandigarh, India.
- 21-26 Jun.2009: ICANN35 Meeting, Sydney, Australia.
- 15-17 Mar.2010: Workshop Training in Moodle Programs in e-learning, Sudan Open University, Wad Madani, Sudan.
- Mar.2010-Jun.2012: Supervisor of Students Final Year Projects, department of Computer Science and Information Technology, Sudan Open University.
- 20-25 Jun.2010: ICANN38 Meeting, Brussels, Belgium.
- September 2010 to Now: Member of Noncommercially User Constituency (NCUC), GNSO, ICANN.
- 25-26 Oct.2010: EGM on the Roadmap for Internet Governance in Arab Region, United Nations House, Beirut, Lebanon.

- 7 -8 Dec.2010: 3rd Euro-Africa Cooperation Forum on ICT Research, Scandic Marina Congress Centre - Helsinki, Finland.
- 9-10 Dec.2010: 2010 Euro-Africa E-Infrastructures Conference, Scandic Marina Congress Centre - Helsinki, Finland.
- 6-7 Apr.2011: 15th Regional Euro-Africa-ICT FP7 Awareness Workshop Khartoum, Sudan.
- 25-27 May.2011: 6th International Conference on ICT for Development, Education and Training, Dar es Salaam, Tanzania.
- 4-10 Jun.2011: AfriNic 14 Meeting, Dar es Salaam, Tanzania.
- NomCom 2011 (Nomination and Election Committee), Member of AfriNic.
- 10 Jun.2011: African Peering Coordinate Forum (AFPIF), Peering Coordinators Day, Dar es Salaam, Tanzania.
- Aug 2011 to now: Member of The Inter Register Transfer Policy Part C working Group, ICANN.
- 31 Jan-1 Feb.2012: Conference and Public Consultations to Establish the Arab IGF, Beirut, Lebanon.
- 11-16 Mar.2012: ICANN 42 Meeting, San Jose Costa Rica.
- Apr.2012 to Now: Member of Locking of a Domain Name Subject to UDRP Proceedings PDP WG Working Group, ICANN.
- 13-18 May.2012: AfriNiC Meeting, Banjul, Gambia.
- NomCom 2012 (Nomination and Election Committee), Member of AfriNic.
- 24-29 Nov.2012: AfriNiC Meeting, Khartoum, Sudan.
- 2-4 Oct.2012: 1st African Internet Governance Forum, Smart Village, Cairo, Egypt.
- 9-11 Oct.2012: 1st Arab Internet Governance Forum, Kuwait, Kuwait.
- 7-8 Mar.2013: High-level Conference on 'Promoting Africa-EU Research Infrastructure Partnerships' (PAERIP) Brussels, Belgium
- 25-27 Mar.2013: 2nd e-Learning Regional Conference (eRC2013), Kuwait, Kuwait.
- 02 Apr.2013 to Now: Member of Committee to Establish the E-Learning System in the Ministry of Education, Khartoum State, Sudan.
- 26 Aug.2013 to now: Advisory Group for Digital Engagement Project, ICANN.
- 23-24 Sep.2013: Regional Consultation on Cyber Security in Africa (UNECA Regional Cyber security Workshop), Multimedia University, National Park, Nairobi, Kenya.
- 24-26 Sep.2013: 2nd African Internet Governance Forum, Multimedia University, National Park, Nairobi, Kenya.
- 1 Oct.2013 to Now: The MESWG Task Force on Arabic Script IDNs, Working Group, ICANN.
- 1-3 Oct.2013: 2nd Arab Internet Governance Forum, Algeria, Algeria.
- 2 Oct.2013: I Organized the Workshop titled Online Child Protection in the Arab Region: Studies and Legislations in the Arab IGF, Algeria.
- 22-25 Oct.2013: 8th Internet Governance Forum, Bali, Indonesia.
- 22 Oct.2013: I organized the Workshop titled Protection of most vulnerable children online, with Tac together against Cybercrime in the IGF2013, Bali, Indonesia.
- 2-3 Dec.2013: Africa-EU Cooperation Forum on ICT, African Union Centre, Addis Ababa, Ethiopia.
- 30 Jan.2014 to Now: Member of Multistakeholder Advisory Group (MAG), for Arab Internet Governance Forum (IGF).
- 13-15 Mar.2014: 5th Arab Multistakeholder Advisory Group Meeting, Cairo, Egypt.
- 23-24 Apr.2014: Global Multistakeholder Meeting on the Future of Internet Governance (NET mundial), Sao Paulo, Brazil.
- 25-29 May.2014: Middle East and Adjoining Countries School on Internet Governance (MEAC-SIG), Kuwait, Kuwait.

- 16-18 Dec.2015: Fourth Arab IGF, Beirut, Lebanon.
- The African Peering and Interconnection Forum (AfPIF) 2016 Program Committee Member (PC).
- 15 Jul.2016: Member of Multistakeholder Advisory Group (MAG) 2016, for North Africa IGF.
- 4-6 Dec.2017: The African Internet Governance Forum (AfIGF 2017), Sharm Elsheikh, Egypt.
- 19-20 Jun.2019: Expert workshop “Enhancing Capacity to Teach Cybercrime at Universities in Africa, Kofi Annan International Peacekeeping Training Centre (KA IPTC), Accra, Ghana.
- 4 Jul.2019 to Now: Regional Director for East Africa for the African ICT Foundation.
- 22-23 Jan.2020: Arab IGF Meeting, Cairo, Egypt.
- 7-9 Mar.2023: World Police Summit. Dubai World Trade Centre. Dubai. United Arab Emirates.

PERSONAL SKILLS

Languages

- Arabic (Mother tongue), English (Fluent)

Communication skills

- Proficient in effectively conveying complex engineering and technological concepts to diverse audiences, including students, colleagues, and industry professionals.
- Skilled in delivering engaging lectures, presentations, and workshops tailored to different learning styles and levels of expertise.
- Experienced in fostering open dialogue and facilitating discussions to encourage critical thinking, problem-solving, and collaboration among students.
- Capable of articulating research findings, insights, and methodologies in clear and concise written reports, academic papers, and grant proposals.
- Demonstrated ability to mentor and advise students on academic and career-related matters, providing constructive feedback and guidance to support their growth and development.
- Effective communicator in interdisciplinary settings, adept at bridging gaps between various fields of engineering and technology to promote interdisciplinary collaboration and innovation.
- Proficient in utilizing modern communication technologies and platforms to enhance teaching delivery, facilitate remote collaboration, and streamline administrative processes within the Faculty of Engineering and Technology.

ADDITIONAL INFORMATION

References

Emmanuel Bassi , African ICT Foundation

- Email: admin@africanictfoundation.org

Qusai AlShatti, Deputy Chairman at Kuwait Information Technology

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- Tel: +96599949989

Baher Essmat, is the ICANN Regional Vice President for stakeholder engagement in the Middle East, and Managing Director for the Middle East and Africa (MEA)

- Email: e-mail :baher.esmat@icann.org

Yuliya Morenets, TaC – Together against Cybercrime International

- Email: y.morenets@againstcybercrime.eu

Prof. Mohamed Elsanosi Mohamed Elsanosi. Faculty of Medicine University of Gezira. Sudan

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