

Ebtihal Nooraldeen Shamsalola Altahami, Lecturer

ebtihal.nooreldeen@gmail.com

Shargah, UAE

+971545060277

www.linkedin.com/in/ebtihal-nooreldeen-488454296

PROFILE

A seasoned senior University lecturer with an illustrious 15-year career dedicated to imparting technical theory lectures and fostering hands-on training in the dynamic field of computer science. My expertise spans programming languages, artificial intelligence, and database systems. I am distinguished for my outstanding administrative acumen, eloquent verbal communication, and adept writing skills. My instructional approach combines innovation with proven teaching methods, creating an environment that stimulates active learning and academic excellence. As a proactive educator, I am eager to secure a rewarding position that not only leverages my diverse skill set but also allows me to play a pivotal role in the academic success and personal growth of students.

EXPERIENCE

2013 – PRESENT

SENIOR UNIVERSITY LECTURER

Sudan University of Science and Technology

- Applied pedagogical techniques to deliver comprehensive theory lectures and hands-on training in computer science disciplines:
 - Information Security
 - Ethical and Professional Issues
 - Database Systems
 - Programming Languages (C++, java)
- Guide courses to cultivate critical thinking and problem-solving skills, gathering consistent positive feedback from student.
- Successfully managed administrative responsibilities, overseeing undergraduate projects, organizing college exams, and ensuring accurate college result generation.

FEB/2023 – APR/2023

PART TIME LECTURER

Arab Open University-Khartoum, Sudan

- Designed and executed courses on the following subjects:
 - Database Systems
 - Algorithms, Data Structures, and Computability
- Utilized dynamic teaching methodologies to enhance student comprehension and engagement in key subject areas.

2021-2023

PART TIME LECTURER

Bayan University of Science and Technology, Khartoum, Sudan

- Instructed the International Computer Driving License (ICDL) course, equipping students with essential computer skills.

2017– 2020

PART TIME LECTURER

Al Hikma College of Science and Technology, Khartoum, Sudan

- Delivered courses in the following assigned courses:
 - Programming Languages (C++).
 - Ethical and Professional Issues.
 - Database Systems.
- Utilizing innovative teaching methods to create a constructive learning environment.

2014 – 2016

HEAD OF DEPARTMENT

Sudan University of Science and Technology

- Led departmental activities, including course determination, assignment of courses to professors, and monitoring the teaching of courses, emphasizing academic management and leadership.

- Ensured the seamless management of undergraduate projects, organization of college exams, and precise generation of college results.

2007 – 2013

TEACHING ASSISTANT

Sudan University of Science and Technology

- Provided support in various computer science courses, including:
 - Programming Languages (Java, C++)
 - ICDL
 - Web Application
 - Prolog (AI Language).

KEY SKILLS

Soft skills:

- Detail and team-oriented for meticulous course planning and management.
- Analytical skills to enhance problem solving in complex technical concepts.
- Clear communication, fostering effective knowledge transfer to students.
- Patience, vital for guiding students through challenging coursework.

Teaching and Management:

- Course planning and curriculum development, ensuring relevance and currency.
- Undergraduate mentoring, nurturing student growth and academic development.
- Classroom and time management, optimizing learning within allocated timeframes.
- Effective research skills, contributing to advancements in computer science education.

Technical Proficiency:

- Proficient in MS Office, facilitating seamless administrative tasks.
- Programming languages expertise (e.g., C++, Java), providing hands-on experience.
- Experienced in Learning Management Systems (LMS) such as Webx, Moodle, and Zoom.
- Application of Credit Hour academic system for effective course structuring.
- Student evaluation and assessment, utilizing diverse methodologies for fair evaluation.

Adaptability and Innovation:

- Adaptable to various e-learning systems (Webx, Zoom, Moodle, Microsoft Teams).
- Innovative teaching and instructional methods for an engaging learning environment.
- Continuous learner, staying abreast of evolving educational technologies.

Research and Development:

- Active involvement in research, contributing to academic and industry advancements.
- Curriculum development to align with emerging trends in computer science.
- Publications and conference presentations, sharing insights with the broader community.

LANGUAGES

- Proficient in Arabic (Mother Tongue)
- Intermediate English, facilitating effective communication in a diverse academic setting.

EDUCATION

Ph.D. in Computer Science (Current Pursuit)

Sudan University of Science and Technology

- Actively engaged in cutting-edge research, focusing on the new procedure of clustering Arabic text based on semantic information.
- Demonstrating a commitment to staying at the forefront of technological advancements and contributing valuable insights to the academic community.

Master in Computer Science (Sep 2013)

Sudan University of Science and Technology

- Acquired advanced knowledge in computer science, with a research focus on developing an information-centric security model for data protection in a Cloud Computing environment.

Bachelor (HONOURS) of Computer and Information Systems (First Class, Nov 2007)

Sudan University of Science and Technology

- Graduated with distinction, demonstrating a strong foundation in computer and information systems.
- Completed a noteworthy graduation project titled "Traffic Detection using Mobile Phone," utilizing MySQL and PHP to provide real-time traffic information.

Research for Master's Thesis:

A Model for Securing Data in a Cloud Computing Environment

- Developed an information-centric security model to protect data in the cloud, contributing to the evolving field of cloud computing security.

Current Research Focus:

New Procedure of Clustering Arabic Text Based on Semantic Information

- Actively contributing to the exploration of innovative approaches in text clustering, with a focus on semantic information in the Arabic language.