

# Hiba AlSenawi

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## PROFILE SUMMARY

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Senior Computer Lecturer with extensive experience in teaching and mentoring students in various computer science disciplines. Possesses research skills to identify latest technology and trends to assist students.

## EDUCATION

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### Master of Science in Computer Science

*AlBalqa'a Applied University*

Jan 2010

### Bachelor in Computer Science

*AlBalqa'a Applied University*

Jul 2007

## PROFESSIONAL EXPERIENCE

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**Senior lecturer in computer science Fahad Bin Sultan University** - Tabuk, Saudi Arabia | Jan 2011 - Current

- Teaching various courses in Computer Science, Information Technology, and Computer Engineering

- **Courses taught at FBSU:**

- Computer Programming I (Coordinator)
- Computer Programming II (Coordinator)
- Database Systems (Coordinator)
- Operating Systems (Coordinator)
- Computer Networks (Coordinator)
- Internet Programming and Web Design (Coordinator)
- Programming with Python.
- Introduction to Computing for Engineers (Coordinator)
- Computer Skills for Medical Students (Coordinator)
- Theory of Computation.
- Programming Languages.
- Algorithm and Data Structure
- Introduction to Linux.
- Final Year Project II.
- Computing Ethics.
- Fundamentals of Electronic Commerce
- Advance Database System.

- **Labs taught at FBSU:**

- Computer Programming I Lab (Coordinator).
- Computer Programming II Lab (Coordinator).
- Database Systems Lab (Coordinator).
- Operating Systems Lab (Coordinator).
- Computer Networks Lab (Coordinator).
- Internet Programming and Web Design Lab (Coordinator).
- Algorithm and Data Structure Lab (Coordinator).
- Introduction to Linux Lab (Coordinator).

- **Sample of Final Year Projects Supervision**

- Speaking System For Mute People Using Hand Gestures
- Travel and Tourism Management System
- Analysis and Prediction of Diabetes using Machine Learning
- An application to Preview the scene of the accident via AI
- Sky Implementation
- FBSU APP
- Social Network Application for Social Community
- Library Management System-LMS

- Smart Home
  - Online Real Estate Management System
  - Tazeez System for Providing Schools by Books
  - Online Marketing Website for Diabetes
  - Saudi Arabia Coins Counting and Issuing a Voucher System
  - Malath Website
  - Manage Doctors' Appointments and Patient Records
- Serving as an academic advisor for Computer Science and Information Technology, assisting students in course selection, program planning, and career guidance.
  - Actively participating in various college committees, such as curriculum development, faculty recruitment, or assessment committees.
  - Serving on multiple committees on university, college and department level:
    - University Level: Library committee
    - College level: Council, advisory and quality assurance committee.
    - Department level: Council, student affairs, Exam, Academic, Quality Assurance.

**Quality Assurance Coordinator, Fahad Bin Sultan University - Tabuk, Saudi Arabia | Sep 2022 - Aug 2024**

- **Dean Assistant for quality assurance matters from 2022 to 2024**
  - **Duties of the Dean's Assistant for Quality**
    - Ensuring the college compliance with the standards of the Accreditation Evaluation Commission.
    - Assisting the Deanship of Quality and Academic Accreditation in implementing the quality assurance system in the college and in any tasks and works related to quality assurance.
    - Providing the necessary support to facilitate the work of the accreditation, evaluation and quality committees by providing them with all the necessary data and facilities.
    - Following up on the proper use of procedures and forms, and ensure the effectiveness of procedures, good performance and quality results in the college.
    - Supervising the implementation of the executive plan in the college.
    - Collecting, documenting, archiving and providing data related to the college or its employees and updating them periodically.
    - Performing any technical tasks assigned to him/her by the Dean of the College and by the Dean of Quality and Academic Accreditation.
- **Coordinated for Quality Assurance Committee from 2020 to 2022**
  - **Duties of the Coordinator for Quality Assurance committee**
    - Ensuring the compliance with the administrative procedures in the college with the executive and organizational regulations of the university.
    - Preparing and documenting the quality manual, procedures, forms and documents of the college's quality assurance system, distributing them to all college employees, and ensuring their development and updating.
    - Spreading a culture of quality and academic accreditation and developing academic and administrative performance at the college level.
    - Participating in the meetings of the committee responsible for quality assurance, documenting its meetings, following up on its decisions, and submitting periodic reports.
    - Providing the necessary support and coordinating efforts to prepare institutional and program performance evaluation reports.

**Computing College Coordinator, Fahad Bin Sultan University - Tabuk, Saudi Arabia | Jan 2017 - Jan 2020**

- Acting as the college coordinator for the female section in the College of Computing
- Ensured smooth operation and management of the college's academic programs.

**IT Lecturer, Wadi Al Seer Training Center - Amman, Jordan | Jan 2009 - Jan 2010**

- Provided part-time instruction for computer skills courses.

**IT Lecturer, Arab Community College - Amman, Jordan | Jan 2009 - Jan 2010**

- Taught IT and CS courses for Diploma Students, including Database, C++, VB, Network Information Systems, and Computer Skills.

**ICDL Trainer, Wehdat Knowledge Station** - Amman, Jordan | Jan 2007 - Jan 2009

- Created, managed, and taught ICDL courses.
- Served as a certified tester for ICDL sessions and managed the station.

## CERTIFICATIONS

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- ICDL (International Computer Driving License)
- TOEFL (Test of English as a Foreign Language)
- CCNA (Cisco Certified Network Associate)
- PHP

## WORKSHOPS

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- **Conducted workshop on "Crafting SMART Intended Learning Outcomes: A Holistic Approach".** Provided a comprehensive approach to designing effective and measurable learning outcomes for academic programs. Held on March 18, 2024
- **Conducted two programming workshops for NEOM students.** Focused on enhancing programming skills and introducing advanced coding techniques to aspiring computer science professionals. Held on October 2021 and November 2021.
- **Conducted a workshop titled Mastering E-Learning System: Key Features and Best Practices.** This workshop provides an in-depth overview of essential E-Learning system features, including attendance tracking, exam management, question banks, homework and group assignments, and gradebook utilization. Held on February 27, 2022.
- **Attending a Comprehensive Workshop on Course Design, Development, and Assessment: From CLOs to Program Reporting and Instructor Evaluation** was held in February 7, 2023.
- **Attending a workshop titled Preparing Courses' and Programs' Specifications and Reports" and the "LO's Assessment tools".** Held on August 29, 2022
- **Attending a workshop titled *Aligning Assessment Practices with ILOs.*** *This workshop focuses on aligning assessment methods with Intended Learning Outcomes (ILOs) to ensure effective measurement of student learning and program success.* Held on September 10, 2018
- **Attending a workshop titled "Course and Program Reports and Specifications".** This workshop is essential for faculty members to understand and implement the NCAAA requirements for course and program reports and specifications, crucial for the university's accreditation process. Held January 11, 2018.
- **Attending a workshop titled "Developing the Learning Outcomes in Compliance with NQF and Aligning Assessment Practices with Learning Outcomes".** This workshop guides faculty on crafting learning outcomes in line with the National Qualifications Framework (NQF) and aligning assessment practices to ensure outcomes are effectively measured and achieved. Held on May 17, 2016.
- **Attending a workshop titled "Flipping your Classroom" Organized by CEC FBSU** in collaboration with AUB, was held on April 25, 2015.
- **Attending a workshop titled "Assessment of Learning Outcomes" delivered by NCAAA,** Held on Oct. 21-22, 2015.

## HONORS & AWARDS

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**Best Faculty Member, Computing College Fahad Bin Sultan University, Academic Year 2022-2023**

## SKILLS

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- Team Leadership
- Quality Assurance
- Problem-solving
- Communication skills
- Public speaking
- Calm under pressure
- Concept-oriented teaching
- Computer programming
- Front end Developer
- Student performance tracking
- Advising skills
- Syllabus development
- Course preparation
- Computer Networking

## PUBLICATIONS

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- **Hiba Al Senawi, dr.Homam and Faris AL –Najjar A Study to investigate the possibility of using a decision-making model with IPS. Canadian Journal on Network and Information Security, Vol. 3 No. 1, August 2012, (pp. 13-19)**
- **Dr.Homam, Faris AL –Najjar and Hiba Al Senawi Intrusion Detection and Prevention Response based on Signature-Based and Anomaly-Based:Investigation Study. International Journal of Computer Science and Information Security, Vol. 10 No. 6 JUN 2012, (pp. 50-56)**