Imen Ben Mohamed

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Professional Summary

As an experienced, dedicated, and passionate computer science teacher with a track record of providing rigorous instruction to diverse learners, I am committed to helping students unlock their unlimited potential and achieve academic success. I am skilled in developing engaging lesson plans and promoting critical thinking skills.

Education

- Master's Degree in Computer Sciences

  September 2007 - May 2009

- Bachelor OF Computer Sciences

  September 2002 - July 2006

Professional experience

- Since 2019 Lecturer at the Faculty of science-Arar- Northern Border University (Saudi Arabia)

- 2014-2019 Lecturer at the Faculty of Science and arts -Turaif- Northern border University (Saudi Arabia)

- 2009-2014 Lecturer at the University of Manouba (Tunisia)

- 2006-2009 Secondary school teacher Ben Arousse (Tunisia)

Teaching Experience

- Artificial Intelligence

- Software Engineering

- Algorithm and Programming

- Software Quality and Process

- Object Oriented Programming

- Web Programming

- Database Systems

- Introduction to Computer Science

- Computer Programming

- Discrete Mathematics

- Computer Networks

- Modeling and Simulation

Supervision

Supervising Bachelor's Students

- Rawabi Alblbsi and Nouf Alashjai: Mobile application for Academic advising

- Yara Alrwily and Anwar Alkuwykibi: Blood Donation and Bank Management System

- Tamani Al-Shammari and Assel Alshamari: Support System Website NBU Students

Professional activities

- Member of the Tunisian Association of Artificial Intelligence

- Member of the ABM Club, within the Faculty of Economic Sciences and Management of Nabeul, having for objective the training of the students in the new technologies

- Member of the Quality and Academic Accreditation Committee

- Member of the implementation committee of the initiative to establish a gifted academy at the Northern Border University

- Member of the Schedules and Tests Committee at the Northern Border University

- Member of the Student Affairs Committee at the Northern Border University

- Member of the Public Relations and Media Committee at the Northern Border University

- Member of the Community Service Committee at the Northern Border University

- Member of the Alumni Committee at the Northern Border University

- Member of the Statistics Committee at the Northern Border University

Academic Honors and Awards

- Award for Academic Excellence from the Ministry of Education in Tunisia (2011)

- Certificate of thanks as the best female faculty member in the Department of Computers and Information Technology at Northern Border University (2016)

- Certificate of thanks and appreciation from the University Vice Presidency for Academic Affairs Northern Border University (2017).

- Certificate of Thanks and Appreciation for distinguished Contribution to Student Activities Northern Border University (2018)

- Certificate of thanks and Appreciation for distinguished Contribution to Student Activities Northern Border University (2019)

- Certificates of thanks and appreciation for the standardized test coordinators of the College of Science Northern Border University (2021)

- A certificate of thanks and appreciation for the distinguished Contribution to the Quality and Academic Accreditation Committee(2022)

Training

- Cyber security basics

- Training program report and description of "course, program and field experience."

- Internet of Things security

- Information security basics

- Tools for searching for information in the digital environment

- Developing English conversation skills for postgraduate students

- E-marketing course in the digital environment

- Skills course for using the KSUP database for King Saud University Publishing House

- Course on how to write scientific manuscripts

- Open source systems applications course in libraries and information centers

Additional Information

- Programming Languages: C, C++, JAVA.

- Applications and Tools: MS Office, Matlab, AutoCAD, Adobe Photoshop, Adobe After Effect, Adobe Premier, HTML and CSS.

- Good experience in e-learning techniques and online course preparation and management.

- Good experience in industrial applications and control: PLC, computer interfacing, sensors and actuators

Publications

- DECODING THE DECEPTION: A COMPREHENSIVE ANALYSIS OF CYBER SCAM VULNERABILITY FACTORS
Abdulbasit Darem, Asma Alhashmi, Huda K. Sheatah, Imen B. Mohamed, Chams Jabnoun, Firas M. Allan, Aida Dhibi, Doaa M. Elmourssi

  Journal of Intelligent Systems and applied data science (2024)

- ARTIFICIAL INTELLIGENCE IN EDUCATION PREDICTING COLLEGE PLANS OF HIGH SCHOOL STUDENTS
AWS ABU EID, Wahida A. Mansouri, Achraf Ben Miled, Imen Ben Mohamed, Marwa A. I. Elghazawy

  Journal of Intelligent Systems and applied data science (2024)

- LEVERAGING ARABIC TEXT EMBEDDED IN IMAGES: CHALLENGES AND OPPORTUNITIES IN NLP ANALYSIS
AWS ABU EID, Radhia Zaghdoud, Olfa Ben Rhaiem, Marwa Amara , Achraf Ben Miled, Imen Ben Mohamed, Salem Belhaj

  Journal of Intelligent Systems and applied data science (2024)

- SPORTS PREDICTION MODEL THROUGH CLOUD COMPUTING AND BIG DATA BASED ON ARTIFICIAL INTELLIGENCE METHOD
  Aws I Abu Eid, Achraf Ben Miled, Ahlem Fatnassi, Faroug A Abdalla, Imen Ben Mohamed

  Journal of Intelligent Systems and applied data science (2024)

- Multi-period Capacitated Location-Routing Problem

  Walid Klibi, Ruslan Sadykov, Halil Sen, Imen Ben Mohamed, François Vanderbeck

  ROADEF 2020-21ème congrès annuel de la Société Française de Recherche Opérationnelle et d'Aide à la Décision(2020)

- A Benders Approach for the Two-echelon Stochastic Multi-period Capacitated Location-Routing Problem

  Walid Klibi, Ruslan Sadykov, Halil Sen, Imen Ben Mohamed, François Vanderbeck

  Roadef 2019-20ème congrès annuel de la Société Française de Recherche (2019)

- The two-echelon distribution network design problem under uncertainty: modeling and solution approach

  François Vanderbeck, Walid Klibi, Imen Ben Mohamed

  Roadef 2018-19ème congrès annuel de la Société Française de Recherche Opérationnelle et d'Aide à la Décision (2018)

- Designing Stochastic Two-Echelon Distribution Networks

  Francois Vanderbeck, Walid Klibi, Imen Ben Mohamed

  ROADEF 2017-18ème congrès annuel de la Société Française de Recherche Opérationnelle et d'Aide à la Décision(2017)

Languages

- French
  Highly proficient in speaking and writing
- English
  Good working knowledge
- Arabic
  Mother Language