Curriculum Vitae

YAHYIA MOHAMMED M. ALI BENYAHMED

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Profile:

PhD of computer science graduate from University of Kebangsaan, Malaysia with research experience in artificial Intelligence based on data mining and machine learning software development as well as SQL, ADO.NET for Data Base Services, VB.NET, C++, and Java experiences and ASP.NET for web development. The research interests include data warehousing, data mining and knowledge discovery, especially in spatial and temporal systems. Since then He has been a lecturer and researcher in the computer science department, Faculty of Art, Traghan, Sebha University, Libya. His research interest lies in applying and improving data mining, focusing on the data mining preprocessing such as discretization, reduction and representation of time series and combinatorial optimization methods and its application to solve several problems from different domains such as weather problem and medical data problems. He is Ambitious, Young, Dynamic, and Lecturer. Ability to learn quickly and apply knowledge effectively. Goal oriented, able to use all available resources. Self-determined and working independently. He is a member of several computer science committees. He has written four conference and journal papers that have been published around the world and have several research awards.

Academic Qualifications:

- **June 2018: PhD of computer Science in artificial Intelligence,** the University of Kebangsaan Malaysia. Pattern discovery algorithms for weather prediction problem.
- **February 2007: Master of computer Science in artificial Intelligence**, the University of Utara Malaysia. Data mining classification techniques and performances on Medical.
- **2001: Bachelor of Science** in Computer Science, the University of Sebha.
- **2005 & 2012**: **Certificate in ELS** (Personal training for English Language) Malaysia

Prizes and Awards:

2018: University of Kebangsaan Malaysia Postgraduate Award (PhD. in Computer Science).
2006: University of Utara Malaysia Postgraduate Award (M.Sc. in Computer Science).

Relevant Skills and Experience:

General skills in data mining classification techniques. Specific expertise and excellent skills in:
   - Applications: Microsoft Office Suite, Internet Explorer, Photoshop, Dream weaver
   - Programming Languages: Java, C++, VB.NET, SQL, ASP.NET and HTML.

- Data Base Services: MySQL, Access.
- Operating Systems: Windows.
- Development of Intelligence Systems (Data Mining and Expert Systems).
- Ability of Processing and Analysis Datasets.
- Knowledge Engineering and representation.
- Leadership ability as manager of team of administration staff

Publications:

- Benyahmed, Y., A. A. Bakar & A. R. Hamdan 2015. *Adaptive piecewise approximation based on weighted average approach for symbolic time series representation.* International Review on Computers and Software 10(8): 862-874.
- Benyahmed, Y., A. A. Bakar, A. R. Hamdan & S. M. S. Abdullah 2015. A Time-weighted Average-based PAA Representation for Time Series Symbolization. International Journal of Advances in Soft Computing & Its Applications 7(3).
- Yahmed, Y. B., A. A. Bakar, A. R. Hamdan, A. Ahmed & S. M. S. Abdullah 2015. *Adaptive sliding window algorithm for weather data segmentation.* Journal of Theoretical and Applied Information Technology 80(2): 322.
- Benyahmed, Y., A. A. Bakar, A. R. Hamdan & S. M. S. Abdullah 2016. *Bag of Patterns Representation Technique of Constructed Detection Temporal Patterns for Particular Climate Time Series.*"Middle-East Journal of Scientific Research 24 (7): 2375-2384, 2016.

Languages Known: English, Arabic.

Work Experience and Employment History:

1. **College**: Faculty of Arts and Science. Traghen.(Sebha University).Libya.

    Position: Assist. Lecturer of computer science department in period: 2007 to 2018.
        Recently as Lecture of computer science department from 2019.
    Work: These involved teaching classes per study session, some lecturing, researches, and marking assignments and examinations for undergraduate students.

    Teaching Experience:
    Taught and supervised many courses and researches of Undergraduate students, some of these are:

    Subjects Handled:

1-Computer Systems	2-Introduction to Computer Science
3-Software Engineering	4-Programming Languages I
5- Programming Languages II	6 -Computer Applications-
7- Data Structures	8-Operating Systems1
9- Multimedia Programming	10- programming and website design
11- Basic of artificial Intelligence	12- Expert System
13- System Analysis and Design	14-Data Mining

    Researches:

1- Salaries program at the productive agricultural project.	2- Website application for Libya Ediar Bank
3- Assistance system for fever disease diagnosis	4- Intelligent system for classifying thyroid disease
5- System for Dept. Of Computer Science	6- Education program for disk operation system

2. **Corporations**: Maknusa Corporation for Agricultural products. Libya.

   Position: As a Manager
   Period: 2001 to 2005.

   Work: These involved in maintenance unit. Design to pursue the maintenance, installation, treatment and improvement of all computer equipments relating the project. Participate, install, treat and manage the data for salaries program at the project. Supervise the program of spare parts stock in the project; obtain many of encouragement prima against the performed work that I make in my specialization.

3. **School:** Secondary High School
   Position: As a Sr.Teacher.
   Period: 2003 to 2006.

   Work: These involved preparation of the tutorial material and leading and instructing and team work.

   Interests:
   Learning and reading including English language, Internet Browsing and researches. Fitness including swimming, gym, cycling and football.

References:

- Prof. Abdul Razak Hamdan
  Dept. of Data Mining and Optimizations DMO
  Faculty of Information Science and technology
  University of Kebangsaan Malaysia
  Tel: +60389216342
  http://www.ftsm.ukm.my/arh

- Mr.Mohamed Amahdi Azwardy
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  University of Sebha Libya
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- Prof. Azuraliza Abu Bakar
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- Mr. Azizi Bin Ab Aziz
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