
RABEIA N. ABD ALATI ELFARGANE

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SKILLS

- Data analysis
- Team leadership
- Strong verbal communication
- Project management

WORK HISTORY

Head of Department Of Computer Science, 04/2013 to 2019, Faculty of Education, University of Benghazi, Libya – Benghazi

Lecturer, 12/2011 to Current, Faculty of Education, Benghazi University, Libya – Benghazi

- Teaching different undergraduate subjects per semester such as: fundamental of Software Engineering, programming languages, Java, fundamentals of computer science, Computer Applications in Education System, Visual Programming, Software Design, software modeling & Methods ,data structures and Design and Development of Educational Software.
- Supervising students' projects.
- Served as Coordinator of Quality Assurance, computer science department, education college, Benghazi University 2012-2013 and from 2021 to current.
- Designed course materials, including syllabus, writing assignments and exams.
- Selected material relevant to each course of study and presented in an engaging fashion.
- Developed exams to properly gauge information retention and student performance.
- Utilized innovative methods of instruction, including video, interactive class activities and discussions to present course material.
- Created syllabus and instructional plans for each class session in accord with the stated course objectives.
- Created lecture presentations for both online and in-class environments.
- Created new lesson plans based on course objectives.

Associate Lecturer, 02/2012 to 10/2016: Faculty of Information Technology, University Of Benghazi

Associate Lecturer, 2017: Faculty of Art, Benghazi University.

Associate Lecturer, 2016 to 2017: Faculty of Fine Arts and Media, Benghazi University.

Teacher Assistant, 05/2009 to 12/2011: Faculty of Education, Benghazi University, Libya – Benghazi

- Developed program to work with students and increase interest in higher learning.
- Collaborated with a team of faculty to develop after-school tutorial program for students in need of extra help.
- Documented student attendance and progress against goals.
- Created new lesson plans based on course objectives.
- Improved student's analytical skills by introducing state-of-the-art computer program technologies.
- Supported students in their under-graduation projects.
- Tutored students individually and in small groups to reinforce learning concepts.

Teacher, 11/2002 to 05/2009

Al - Shaimaa Secondary School – Benghazi, Libya

- Worked collaboratively with other teachers to review data and develop instructional strategies to address student learning objectives.
- Worked with other teachers and administrators to evaluate and revise elementary school programs.
- Adapted teaching methods and materials to meet students' varying needs and interests.
- Observed and evaluated students' performance, behavior, social development and physical health.
- Developed students' computer and technology skills through demonstrations and practice.
- Acquired a general knowledge of program curriculum and detailed knowledge of assigned courses.
- Reviewed curriculum and devised alternate approaches to presenting lessons in an effort to increase student understanding.
- Created lesson plans and scheduled each day to promote maximum student learning and enrichment.

EDUCATION

- **Bachelor of Education & Science:** Computer Science, 2002, **Faculty Of Education, university Of Benghazi** - Benghazi, Libya
- **Master of Computer Science** :Topic Towards a General Architecture for Building Intelligent, Flexible, and Adaptable Recommender System Based on MAS Technology,**Department of Computer science, Faculty Of information technology, University of Benghazi.** - Benghazi, Libya

RESEARCH PAPERS

- **Title** Towards a General Architecture for Building Intelligent, Flexible, and Adaptable Recommender System Based on MAS Technology
Authors MOHAMED ELAMMARI, RABEIA N ABDLEATI
Publication date 2010
Conference name 11th International Arab Conference on Information Technology (ACIT), Benghazi, Libya, 2010
- **Title** Reducing the Complexity of Recommender Systems Development
Authors MOHAMED ELAMMARI, RABEIA N ABDLEATI
Publication date 2012
Journal name International Journal of Computer and Communication Engineering 11/2012; 1(4):337-344.
- **Title** GUIDE TO DESIGN PATTERN SELECTION BASED ON MAS TECHNOLOGY
Authors Eiman M Sahly, Rabeia N Abdleati, Omar M Sallabi
Publication date 2013
Publication Name: ACTA Press
Conference name The 12th IASTED International Conference on Software Engineering, Innsbruck, Austria; 02/2013
- **Title** An Intelligent Electronic Academic Advisor
Authors Khamisa .A.Y and RABEIA.N.ABDLEATI
Publication date 2019
Publication Name: International Journal of Computer Applications (0975 – 8887) Volume 181 – No. 40, February 2019
- **Title** CKP-PHR app:Smartphone Application For Personal Health Records ofChildren with Kidney Disease
Authors Eiman Sahly Rabeia N. Elfargane Sahar Al-Araibi SarayaAltweeil
Publication date May 2022
Publication Name: IEEE
Conference name: 2022 IEEE 2nd International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)

- Title** Using a Multi-Agent System to Better Simultaneous Collaboration Software Systems
Authors: Rabeia N. Abd Alati Elfargane Khamisa. A. Yousef Eiman Sahly Naeima N Abd Elati
Publication date May 2022
Publication Name: IEEE
Conference name: 2022 IEEE 2nd International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)
- Title** A New Study Stable Symmetric Families of Exponential Distribution
Authors: Naeima Abd Elati Kamilah Othman Jalila Alfirjany Rabeia N. abdleati
Publication date January 2023
Publication Name: AlQalam alqalam journal of medical and applied sciences special issue for 6th international conference in basic science and Their Applications (6th ICBSTA, 2023) , eISSN 2707-7179
- Title** Intelligent Control system for Adaptive Speech Recognition
Authors: Jalila Alferjany#1, Rabeia N Abd Alati Elfrjane *2, Khamisa A Yousef #3
Publication date January 2025
Publication Name: 10th International Conference on Control Engineering & Information Technology (CEIT-2025) Proceedings Book Series –PBS- Vol 23 Vol 23, pp.64-70
- Participation in the workshop:** "E-Learning: Becoming the Norm , Held from April 5 to 6, 2014, at the Association of Arab Universities, Amman, Jordan

RESEARCH INTERESTS

The general research interests include Software Engineering, multi-Agent systems and recommender systems.