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Curriculum Vitae**Diplomas :**

- PhD in Computer Sciences , the University of Technology Belfort-Montbeliard (France) In July 2011
- Master Degree in Computer Sciences , AIX-Marseille University (France) in 2007

Professional Experience:

Since 2017 Assistant Professor at the faculty of science-Arar- Northern border university (Saudi Arabia)

2016-2017 Assistant Professor at the faculty of science-Bizerte- Carthage University (Tunisia)

2011-2016 Assistant Professor at the High Institute of Computer Science of Medenine (Tunisia)

2007-2011 Lecturer at the University of Technology Belfort-Montbeliard (France)

Teaching Experience:

- **The High Institute of computer science of Medenine**
 - ✓ **Master Course (M2):**
 - Human Machine Interface
 - ✓ **Master Course (M1) :**
 - Compilation Techniques
 - ✓ **License Course**
 - Service Oriented Architecture
 - Data Structures and Algorithms. I & II
 - Management of the computing projects
 - Distributed Systems
 - IT security
 - Geographic Information System
- **The Faculty of sciences of Bizerte (External University)**
 - Groupware and collaborative Work
 - Multimedia Techniques
 - Advanced Algorithm

- **The High Institute of Computer Sciences Ariana (External University)**
 - Algorithm Complexity
 - Knowledge Engineering
 - Groupware and collaborative Work
- **The University of Technology Belfort-Montbéliard (France)**
 - Software Engineering
 - Algorithm and programming
 - Software Quality and Process
 - Object Oriented Programming
 - Multi Agents systems and distributed resolution of problems

Supervising:

Co-Supervising Doctoral Students

Rahma Dhaouadi : Simulation and modeling of ontology based multi-agent system for improved recommendations: Application to the handicraft business processes

Co-supervising Master Students

- 1- **Sana Abdelwahed**: *A semantic approach for knowledge reuse in Design Engineering*
- 2- **Hadhami Ounissi**: *Approach for the minimization of the duration of design projects*
- 3- **Houda Amraoui**: *Knowledge reuse in design engineering*

Supervising Master Students

- 1- **Ali Saidi** : Reuse Knowledge System based on user's preferences
- 2- **Saliha Issaoui** : Knowledge Management System for automatic assistance and personalized search
- 3- **Hajer Hsoumi** : Optimization system development of the tasks in the Design Process
- 4- **Aymen El Ghayeb** : Transfer System and knowledge share
- 5- **Najet Ghouli**: Development of an Alarm system During the Design Process of a mechanical product
- 6- **Saket Rachida and Kawther Nebhen** : Design and implementation of a support system and application for social network
- 7- **Naziha Fadhli and Maghrebi Hasna** : Application for services management within a doctor's practice
- 8- **Aida Rouissi**: Design and development of Web application « Expo, Tango Rythm»
- 9- **Meftahi Hayet and Nejia khaled**: Design and development of application of private training center management

Professional activities:

- 1) Coordinator of the Tunisian-Algerian Project entitled "Toward a new manner to use affordable technologies and social networks to improve business for women in emerging countries" in association with the SOIE laboratory (ISG Tunis), The MIRACL laboratory (ISIM Sfax) and the research center on the scientific and technical information (CERIST Algiers)
- 2) Member of the Tunisian Association of the Artificial Intelligence

- 3) Founder of the ABM Club, within the Higher Institute of Medenine, having for objective the training of the students in the new technologies
- 4) Organization Committee member of the National Conference JDIR and Responsible for session (France)
- 5) Substitute member of the scientific advice of the University of Technology Belfort-Montbeliard (France)
- 6) Reviewer for the international conference “Fourth International Conference on Digital Information Management (ICDIM2009)

Publications:

Journals

Rahma Dhaouadi, Achraf Ben Miled, Khaled Ghédira: Constraint-based recommender for procurement opportunities. *International Journal of Business Information Systems* 38(1): 62-84 (2021)

Achraf Ben Miled, Taoufik Yeferny, Amira Ben Rabe: MRI Images Analysis Method for Early Stage Alzheimer's Disease Detection. *IJCSNS International Journal of Computer Science and Network Security*, VOL.20 No.9, September 2020

Achraf Ben Miled, Rahma Dhaouadi, Romany F. Mansour: Knowledge Deduction and Reuse Application to the Products' Design Process. *International Journal of Software Engineering and Knowledge Engineering* 30(2): 217-237 (2020)

A. Ben Miled and M. Bakhouya “A framework for knowledge reuse in product design and development Process” *International Journal of Metadata, Semantics and Ontology*, Volume 8 Issue 3, November 2013

Conferences:

1. Rahma Dhaouadi, Achraf Benmiled, Khaled Ghédira: Weighted utility based recommender for e-procurement in handicraft communities. *iiWAS 2019*: 448-452

2 .R. Dhaouadi, A. Ben Miled, K. Ghédira (2015). Agent Based Modeling and Simulation for Events Hybrid recommendation: Application to the Handicraft Domain. In the 17th International Conference on Information Integration and Web-based Applications & Services, *iiWAS*, 11-13 December 2015. Brussels-Belgium

3. R. Dhaouadi, K. Ben Salah Kais, A. Ben Miled, K. Ghédira. Ontology based Multi-Agent System for the Handicraft Domain E-Bartering. In the 28th Bled eConference. 07-10 June 2015 Bled-Slovenia.

4. A. Ben Miled, I. Ouachani and L. Ben Said “Reusing knowledge in design engineering based on semantic approach”, *IEEE Eighth International Conference on Research Challenges in Information Science*, May 28-30 2014, Marrakesh, Morocco

5. A. Ben Miled “Reusing knowledge based on ontology and organizational model”, 18th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems 15, 16 & 17 September 2014, Gdynia, Poland
6. R. Dhaouadi, A. Ben Miled and K. Ghédira “Ontology based multi agent system for improved procurement process: Application for the handicraft domain”, 18th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems 15, 16 & 17 September 2014, Gdynia, Poland
7. R. Dhaouadi, A. Ben Miled, K. Ghédira. Système multi-agents à base d’ontologies pour la recommandation d’opportunités d’approvisionnement. In the fifth French Days on Ontology (JFO), 14-16 November 2014 (139-144). Hammamet-Tunisia
8. H. Ounissi, A. Ben Miled and L. Ben Said “Approach for minimizing the duration of design projects based on an ontology” The International Conference on Information Processing and Wireless Systems (IP-WiS 2013) March 21- 24, 2013, Djerba, Tunisia.
9. A. Ben Miled, V. Hilaire, D. Monticolo, and A. Koukam. «An Approach for Building Holonic Models of Design Processes for knowledge Management », in the international Workshop on Organizational Modeling, Paris, France, June 22/23, 2009.
10. A. Ben Miled, D. Monticolo, S. Gomes, and V. Hilaire. “From the project memory MemoDesign to the domain ontology OntoDesign”. 8th International Industrial Congress of Engineering (CIGI2009), June 2009, Tarbes, France.
11. A. Ben Miled, D. Monticolo, V. Hilaire and A. Koukam. “A Comparison of Knowledge Management Approaches based on Multi Agent Systems” The 5th International Conference on Signal Image Technology and Internet Based Systems November 29 – December 3, 2009 Marrakesh, Morocco
12. A. Ben Miled, D. Monticolo, V. Hilaire, and A. Koukam. “A Multi-Agent Based Approach for Knowledge Transfer In Product Design Contexts”, in the International Conference on Computers & Industrial Engineering (CIE39), France, July 2009.
13. A. Ben Miled, V. Hilaire, D. Monticolo, and A. Koukam. "Reusing Knowledge by Multi Agent System and Ontology", in the fourth IEEE International Conference on Signal-Image Technology & Internet-Based Systems, Workshop KARE (Knowledge Acquisition, Reuse and Evaluation), Indonesia, December 2008.

Diverse Information:

- **Languages:** English, French fluently, Arabic.
- **Association:** Ex-president of Belfort Tunisian Students Association.