Curriculum Vitae

Dr. Hassen Hamouda

Personal Data:

- Name   : Hassen Hamouda

- Nationality   : Tunisian

- Marital status : Married

- Date of Birth   : 29-09-1977

- Address   : Saudi Arabia- Majmaah

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Biography:

I received the B.S. and M.S. degree from the Department of Computer Science and Technology, University of Sfax, Tunisia, in 2002 and 2006, respectively. Ph.D degree from the National Engineering School of Sfax (ENIS), Tunisia, in 2017. In 2014, I joined the Majmaah University, where I'm currently a lecture at the College of Science and Humanities in the department of computer science and a research member in the Sciences and Technologies of Image and Telecommunications (SETIT). My research interest focuses on Communication, Quality of Service (QoS) and Quality of Experience (QoE) aware multimedia service in OFDMA wireless network.

Personal Profile:

A capable, responsible, confident and ambitious Post Graduate, with excellent inter-personal and communicative skills. I am good in communicating, organizing, managing and coordinating activities.

Education:

- PhD in Computer Science at the National Engineering School of Sfax (ENIS), Tunisia 2017.
  Title : "New Opportunistic Schedulers for Next Generation Mobile Networks Based on OFDMA System: Application to Monocellular Context" .

- Master Degree in Information Systems and New Technologies at the Faculty of Economic Sciences and Management of Sfax, Tunisia, 2006.
  Title: Multi-Agent Model for Just-In-Time Production Systems.

- B.Sc. Degree in Computer Science from the Faculty of Economic Sciences and Management of Sfax, Tunisia, 2002.

Experience in Higher Education:

- Permanent Lecturer at the Computer Science Department, College of Science and Humanities in Al Ghat, Majmaah University, Saudi Arabia, since 2014.
- Permanent Lecturer in Higher Institute of Computer Science and Multimedia of Gabes, Tunisia, 2007- 2014.
- Three year as Temporary Lecturer at Department of computer science, Higher Institute of Management of Gabes, Tunisia, 2007- 2011.
- Permanent Lecturer at Higher Institute of Applied Sciences and Technology of Gabes, Tunisia, from 2011- 2014.

Teaching Experience:

No	Course Name	Place	Date
1	C Programming Language	Higher Institute of Computer Sciences and Multimedia of Gabes	2006-2014
2	Collaborative work	Higher Institute of Management of Gabes	2006-2009
3	Algorithms and Programming Language Java	Higher Institute of Management of Gabes	2007-2011
4	Java Programming Language	Higher Institute of Computer Sciences and Multimedia of Gabes	2006-2011
5	Algorithm and Data Structure	Higher Instituteof Applied Sciences and Technology of Gabes	2011-2014
6	Fundamental Algorithms	Higher Instituteof Applied Sciences and Technology of Gabes	2011-2014
7	Network Architecture	Higher Instituteof Applied Sciences and Technology of Gabes	2011-2014
8	Web Programming	College of Science and Humanities in Al Ghat, Majmaah University	2014-2018
9	Programming 1	College of Science and Humanities in Al Ghat, Majmaah University	2014-2016
10	Programming 2	College of Science and Humanities in Al Ghat, Majmaah University	2014-2016
11	System Analysis and Design	College of Science and Humanities in Al Ghat, Majmaah University	2016-2017
12	Computer Skills (Word, Excel, PPT)	College of Science and Humanities in Al Ghat, Majmaah University	2014-2018
13	Database management	College of Science and Humanities in Al Ghat, Majmaah University	2017-2018

	system		

Academic Experience:

- Member of the Higher Institute of Computer Science and Multimedia of Gabes, Tunisia, 2007-2014
- Member of the Faculty of Sciences and Humanities Ghat since 2014 - still.
- Head of e-Learning and Distance Learning Unit since 2014 - still.
- Certified trainer at the Deanship of e-learning and distance learning.
- Supervision of many Final Project at the Higher Institute of Computer Sciences and Multimedia of Gabes, the Higher Institute of Management of Gabes and the Higher Institute of Applied Sciences and Technology of Gabes. Most of them focus on the modeling and simulation of complex multi-agents system such as the modeling and simulation of a multi-sites travel agency, the modeling and simulation of a logistics chain, the modeling and simulation of 3D robots games and an ontology agent-based modeling for a travel agency.

Membership of Scientific / Engineering Bodies:

- Member in the IEEE Communications Systems Integration and Modeling Technical Committee.
- Member in the Research Unit SETIT (Sciences of Electronics, Technologies of Information and Telecommunications).
- Member in Young Researchers Association.
- Member in the Tunisian Association for Artificial Intelligence (ATIA).

Certificate of thanks and appreciation:

- **How to use electronic tables and Excel program.** Majmaah University, College of Science and Humanities Al Ghat, held in the first semester of the academic year 1435-1436 H, for one day (4 hours of training).
- **Supervising the faculty website and contributing to the success of the college in the second rank of the award of the Rector.** Majmaah University, College of Science and Humanities Al Ghat.
- **Obtaining the second rank in the Dean's Award for the best Personal Site.** Majmaah University, College of Science and Humanities Al Ghat.

Training courses that I have trained:

- **Excel Skills.** Majmaah University, College of Science and Humanities Ghat, held in the first semester of the academic year 1434-1435 H, for one day (4 hours of training).

- **How to use D2L tools efficiently (for students).** Majmaah University, College of Science and Humanities Ghat, held in the first and the second semester of the academic years 1435-1436 H, 1436-1437 H, 1437-1438 H, 1438-1439 H for three days (2 hours of training per day).

- **A distance training course on how to use the d2L system in a professional way (for faculty members).** Majmaah University, College of Science and Humanities Ghat, held in the first semester of the academic years 1437H, for two days (05-01-1437H and 06-01-1437H).

- **Virtual Classroom (for faculty members).** Majmaah University, College of Science and Humanities Ghat, held in the first semester of the academic years 1437H.

- **How to use the educational platform.** Majmaah University, College of Science and Humanities Ghat, held in the first semester of the academic years 24-12-1437 H, 25-12-1437H and 26-12-1437-1437H.

- **How to use Quiz tool of the D2L system (for faculty members).** Majmaah University, College of Science and Humanities Ghat, held in the first and the second semester of the academic years 1436-1437 H, 1437-1438 H, 1438-1439 H for three days (4 hours of training per day).

- **How to use competencies tool of the D2L system (for faculty members).** Majmaah University, College of Science and Humanities Ghat, held in the first and the second semester of the academic years 1436-1437 H, 1437-1438 H, 1438-1439 H for three days (4 hours of training per day).

- **How to use survey tool of the D2L system (for faculty members).** Majmaah University, College of Science and Humanities Ghat, held in the first and the second semester of the academic years 1436-1437 H, 1437-1438 H, 1438-1439 H for three days (4 hours of training per day).

Workshops Attended:

- Training program in the Deanship of e-learning and distance learning entitled " How to Develop your university website" held within the activities of the training programs for education on 12-2 / 12/1436 H.
- Training program at the Deanship of e-learning and distance learning at the University of bundled entitled "**e-learning management system D2l Certified Trainers**" held within the activities of the training programs for education on 25-29 / 12/1435 H, by 25 hours of training**.**
- Training program at the Deanship of e-learning and distance learning at the University of bundled entitled "**D2L e-learning management system in English"** held within the activities of the training programs for education dated 01/03/1436 H, by 15 hours of training**.**
- Training program at the Deanship of e-learning and distance learning at the University of bundled entitled "**skills to use the iPad in the e-learning**" held within the activities of the training programs for education dated 01/02/1436 A, by 15 hours of training.
- Attend a training program entitled "**Building learning outcomes and tools to measure**", Majmaah in the city collected 122on 29/06/1435 AH, by 10 hours of training.
- Attend a training program entitled "**Academic Skills Aladrashad**" Majmaah in the city of Ghat on 23/02/1434 AH, by 10 hours of training.

- Attend a training program entitled "**The five skills to ensure quality**," Majmaah university on 27/06/1436 AH, 10 hours of training.
- Workshop entitled "study plans: the construction and development" held on Thursday, 26.12.1434 by e (3 hours), as part of training programs for management plans and programs of study.
- "**Smart interactive whiteboard**" (one hour) on 04/01/1435 AH, 8/11/2013 - Majmaah University - Saudi Arabia.
- **Data Base and Digital Library,** Saudi Arabia, 18-19/1/1437H.
- I have Program training (**TOT**) Saudi Arabia, 14-18/4/1432H, 25-28/6/1432. 16 H.

Qualifications or Skills :

- **Software:** Jbuilder, Visual Age, Visual Studio .NET, MS Office, Frontpage, Netbeans, Eclipse, Matlab, Latex, OPNET, NS2
- **Database:** Oracle, Access, PL/SQL, SQL Server 2000
- **Application Development:** .Net, J2EE, ASP, NET, JSP, XML C, Visual C++, C# Java, Html, Ajax, Javascript, VB6, VB.net, CORBA and Rationalrose
- **Systems Experience and Proficiencies:** Client Server Technologies, Microsoft Internet Information Server 4 and 5, Network Concepts, Windows NT 4 and 2000 Server, Linux, Mac, Internetworking Concepts, such as firewalls, communication protocols, Neural network, Genetic algorithm, Financial Management Accounting, Operational Research, Graph Theory

List of Publications:

- ✓ Hassen Hamouda, Lobna Hsairi and Khaled Ghedira, "Multi-Agent Model For Just-In-Time Production Systems"; The International Business Information Management Conference (7th IBIMA), 14-16 December 2006, Brescia, Italy.

- ✓ Hassen Hamouda, Mouhamed Ouwais KABAOU and Mohamed Salim BOUHLEL, " QoE-aware Multi-steps Opportunistic Scheduling scheme for Streaming Application over OFDMA Wireless Systems", The 31st IEEE International Conference on Advanced Information Networking and Applications (IEEE AINA-2017), 27-29 March 2017, Taipei, Taiwan.

- ✓ Hassen Hamouda, Mouhamed Ouwais KABAOU and Mohamed Salim BOUHLEL, " QoE-aware Multi-steps Opportunistic Scheduling scheme for Streaming Application over OFDMA Wireless Systems", The 31st IEEE International Conference on Advanced Information Networking and Applications (IEEE AINA-2017), 27-29 March 2017, Taipei, Taiwan.

✓ Hassen Hamouda, Mouhamed Ouwais KABAOU and Mohamed Salim BOUHLEL, " A Cross-Layer Downlink Scheduling Scheme for Balancing QoS in IEEE 802.16 Broadband Wireless Access Systems", The IEEE 86th Vehicular Technology Conference: VTC2017-Fall, 24–27 September 2017, Toronto, Canada.