

PERSONAL INFORMATION



Brahim ISSAOUI

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Date of birth 03/10/1988 | Civil status Married | Nationality Tunisian

CURRENT GRADE

Phd. In Computer Sciences

PROFESSION

Assistant professor at the Gafsa Higher School of Private Engineering (ESIP)

PROFESSIONAL EXPERIENCES

Since Sept. 2017 until now	Assistant professor at the Gafsa Higher School of Private Engineering (ESIP) Subjects taught: integrated course (UML 1 and 2, Artificial Intelligence, complexity of algorithms, operational research) TP (JAVA 1-2, functional programming)
Since Sept. 2016 until June 2017	
Since Sept. 2015 until June 2016	Contractual Assistant professor at the Faculty of Science in Gafsa Subjects taught: TD (Graph Theory and Optimization), Integrated Course (Indexing Techniques and Multimedia Research).
Since October 2014 until August 2015	Contractual Assistant professor at the Faculty of Science in Gafsa Subjects taught: Courses and TD (Operational Research), TD (Embedded System), TP (Web Programming)
Since Sept. 2013 until June 2014	PhD internship at the LT2C Laboratory, Jean Monnet-Saint-Etienne University (Erasmus Mundus Scholar - Al Idrisi II)
Since Sept. 2012 until June 2013	Temporary assistant professor at the Faculty of Science in Gafsa Subjects taught: TP (Programming C), TP (Computer Maintenance)
Since March until October 2012	Temporary assistant professor at the Faculty of Science in Gafsa Subjects taught: TP (Web Programming), TP (C Programming)
Since February until June 2010	Research Master's Project Development of a Distributed Approach to Solve the Stochastic Dial a Ride Problem
Since July until August 2009	End of studies project (bachelor's degree) e-Ticket (Electronic event or travel ticket on mobile phones)
Since July until August 2008	Java Developer (Internship in a "Blue-Trident" Development Company) Design and development of a management application for a driving school Technician (Internship with the Gafsa Phosphate Company) Preparation of a local network of 10 machines with internet connection and complete physical and logical configuration of the environment

EDUCATION AND TRAINING

- Since December. 2013 until June 2019 **PhD in Computer Science (National School of Computer Science)**
Theme: «A multi-objective and multi-constrained planning approach for the home health care service»
- Since Sept. 2010 until December 2012 **Master's degree in computer science research (Faculty of Sciences of Tunis)**
▪ 2nd Year \Rightarrow Mention **Fairly Good**
▪ 1st Year \Rightarrow Mention **Fairly Good**
- Since Sept. 2007 until June 2010 **Licence in computer science (Faculty of Science, Gafsa)**
▪ 3rd Year \Rightarrow Mention **Good**
▪ 2nd Year \Rightarrow Mention **Good**
▪ 1st Year \Rightarrow Mention **Fairly Good**
- Since Sept. 2006 until June 2007 **Mathematics Baccalaureate (Nefta High School)**
Mention **Fairly Good**

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)	MINIMUM SCORE REQUIRED PER LEVEL FOR EACH PART		SCORE ACCORDING TO TFI/ETS
	ORAL COMPREHENSION PART FROM 5 TO 495 POINTS	READING COMPREHENSION PART FROM 5 TO 495 POINTS	
French	340	340	B2
English	Studied from 8th year of basic school to Master 2 (about 12 year)		

- Computer skills**
- Software expertise :
 - Microsoft Office: Word, Excel, PowerPoint.
 - Programming: J2ME, J2EE, JSE, Visual Basic, NetBeans, Eclipse, Visual Studio, Protégé, JADE
 - Languages of programming: HTML, PHP, JavaScript, VB, Matlab, Prolog, java, C, C++, pascal, c #
 - Data Base Language : SQL, Sparql
 - Network: Topologies, network cabling, Protocols, network administration (services and users).
 - Systems : Windows, linux
 - Designing : Unified process UML1, UML 2, Merise 1, Merise 2.
 - Computer maintenance.

Certified

Scrum Fundamentals, 2020
 Digital Marketing Fundamentals, 2020
 Corporate Sales Fundamentals, 2020
 Marketing Strategy Fundamentals, 2020
 Marketing Research Fundamentals, 2020
 Six Sigma Yellow Belt, 2020
 Certification in Computer Science and Internet (C2II) level 1 , 2016
 Oracle Certified Associate, Java SE 5/SE 6, 2014
 Oracle Certified Professional, Java SE 6 Programmer, 2014

Affiliation

- Member of the COSMOS Laboratory (Complex Outstanding Systems Modeling Optimization and Supervision/ National School of Computer Science)
- Member of the Tunisian Association for Artificial Intelligence

I ADDITIONAL DETAILS

Publications and conferences 2012 - 2019	<p>❖ <u>Peer-reviewed journals:</u></p> <ol style="list-style-type: none"> 1- Impact of decentralization, negotiation policies and conflict management rules. Brahim Issaoui, Anis Mjirda, Issam Zidi, Khaled Ghedira, International Journal of Healthcare Management 2019. 2- New Multi-Objective Approach for the Home Care Service Problem Based on Scheduling Algorithms and Variable Neighborhood Descent, Brahim Issaoui, Issam Zidi, Eric Marcon, Khaled Ghedira. Brahim Issaoui, Issam Zidi, Eric Marcon, Khaled Ghedira. Journal of Electronic Notes in Discrete Mathematics, Volume 47, February 2015, Pages 181-188, ISSN 1571-0653, http://dx.doi.org/10.1016/j.endm.2014.11.024. 3- A Distributed Approach for resolving a Stochastic Dial a Ride Problem with NSGA II, Brahim Issaoui, Issam Zidi, Kamel Zidi, Khaled Ghedira, Journal of Network and Innovative Computing, Volume 2, 2014, Pages 091-100, ISSN 2160-2174. <p>❖ <u>Ranked Conferences:</u></p> <ol style="list-style-type: none"> 4- A New Metaheuristic for the Home Health Care Problem: Caregivers Tours and Conflict Visits, Brahim Issaoui, Issam Zidi and Khaled Ghedira, the International Conference on Systems, Man, and Cybernetics (SMC), Budapest, Hungaria, October 9-12, 2016. (Classe B) 5- LITERATURE REVIEW: HOME HEALTH CARE, Brahim Issaoui, Issam Zidi, Eric Marcon, Frederique Laforest and Khaled Ghedira, 15th International Conference on Intelligent Systems Design and Applications (ISDA) , Marrakesh, Morocco, December 14-16, 2015. (Classe C) 6- A Contribution to the Resolution of Stochastic Dynamic Dial a Ride Problem with NSGAII, Brahim Issaoui, Issam Zidi, Lazhar Khelifi, Kamel Zidi, Khaled Ghedira, Thirteenth International Conference on Hybrid Intelligent Systems (HIS 2013), 2013. (Classe C) <p>❖ <u>IEEE Conferences:</u></p> <ol style="list-style-type: none"> 7- A Distributed Approach for the Resolution of a Stochastic Dial a Ride Problem, Brahim Issaoui, Issam Zidi, Kamel Zidi, Khaled Ghedira, the International Conference on Advanced Logistics and Transport (ICALT'2013), Sousse, Tunisia, 2013. <p>❖ <u>ICICNCO Conferences:</u></p> <ol style="list-style-type: none"> 8- Literature Review of Crowd Management: A Hajj Case Study. Jihen Fourati, Brahim Issaoui, and Kamel Zidi, Proceedings of the 14th International Conference on Informatics in Control, Automation and Robotics - Volume 1: ICINCO, 346-351, 2017, Madrid, Spain.
Oral Communication Tunisian Day in Hospital Organization 2016	Home Health Care: Presentation and challenges, Brahim ISSAOUI, Issam ZIDI, Khaled Ghédira, 2nd edition of the Tunisian Day in Hospital Organisation, 22, 23 April 2016, Gammarth (Tunis), Tunisia.
Participation in the Tunisian Day in Hospital Organization 2016 training	Participation in the workshop: health sharing
Training by ANPR with FSGF 2016	Training by National Agency for the Promotion of Research (ANPR) with Faculty of Science in Gafsa (FSGF)
PAQ Project 2013	Participation and implementation of the Quality Support Project (PAQ): Improving the employability of graduates of the Faculty of Science in Gafsa
Seminars SOIE laboratory 2012 - 2014	Organization and participation in the Young Researchers' Days
Participation in Moodle training at FSGF from 11 to 13 April 2013	Training on the Moodle platform
Participation in the Thomson Reuters FSGF workshop May 21, 2012	Roadshow « Web of Knowledge »