

Najeh Naffakhi

PhD in Information Retrieval

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Born: August 26, 1976; Married



Current Position

2014–present **Assistant Professor**, *Faculty of Law, Economics and Management of Jendouba (FSJEGJ)*
University of Jendouba

Professional Interests

- Information Retrieval
- Data Mining

Appointments Held

2011–2014 **Assistant**, *FSJEGJ*
University of Jendouba

2011–2013 **PhD Student**, *Laboratory of Operations Research, Decision and Control of Process (LARODEC)*
Higher Institute of Management (ISG), University of Tunis

2009–2011 **PhD Student**, *Toulouse Institute of Computer Science Research (IRIT)*
Paul Sabatier University - Toulouse 3, France

2007–2009 **Secondary Teaching Professor**, *Higher Institute of Applied Languages and Computer Science of Nabeul (ISLAIN)*
University of Carthage

2005–2007 **Secondary Teaching Professor**, *Higher Institute for Teachers Training (ISFM) of Korba*
Direction of ISFM

2002–2005 **Secondary Teaching Professor**, *ISFM of Sbeitla*
Direction of ISFM

Education

2009–2013 **PhD in Computer Science**, *Paul Sabatier University - Toulouse 3, France*
Bayesian Networks based Model for XML Aggregated Retrieval [PDF]
Prof. Mohand BOUGHANEM & Prof. Rim FAIZ

2002–2004 **MSc in Computer Science (DEA degree)**, *ISG, University of Tunis*
A binary approach for the classification of images using a supervised learning

- Prof. Khaled MELLOULI & Prof. Rim FAIZ
1998–2001 **BSc in Computer Science**, *ISG, University of Tunis*
Development of a management system for the training center of the Arab Tunisian Bank (ATB)
- Dr. Hathemi ACHOUR & E. Néjib GHABRI
1997 **Mathematics baccalaureate**, *Secondary School of Nabeul*

Teaching Experience

Courses Taught

- 2011–present **FSJEGJ**
Most of my teaching is delivered at the Computer Science Department of the FSJEGJ, University of Jendouba.
Detailed achievements:
- Compiler: Principles, Techniques and Tools (Course (C), Tutorial Classes (TC) & Practical Classes (PC));
 - Information and Communication Technologies (C);
 - Technical monitoring (C, TC & PC);
 - Databases:
 - Relational databases: Oracle 11g: SQL, PL/SQL, SQLplus (C, TC & PC);
 - Distributed databases (TC).
 - Operating Systems (TC & PC);
 - UML (TC);
 - Electronic payment (TC);
 - Algorithms and data structures I & II (TC);
 - Programming workshops I & II (TC).
- 2007–2009 **ISLAIN**
Most of my teaching is delivered at the Computer Science Department of the ISLAIN, University of Carthage.
Detailed achievements:
- Workshops on dynamic Web pages (TC);
 - Relational databases (PC);
 - C2i (PC).
- 2002–2007 **ISFM**
Most of my teaching is delivered at the ISFM of Korba and ISFM of Sbeitla, Direction of ISFM.
Detailed achievements:
- Multimedia (C & PC);
 - Office Software (PC).

MSc (Professional) Students

- 2014–2015 *B. BÉCHIR*, Impact des réseaux sociaux sur l'e-commerce.
2013–2014 *W. SADRAWI*, Suivi des investissements à l'aide d'un Système d'Information Géographique (SIG).

BSc Students

- 2012–2013 *K. BRINSI*, Gestion d'une bibliothèque universitaire.
2012–2013 *Z. KHEMIRI*, Gestion des absences au lycée secondaire de Fernana.

2006–2007 A. BEL'HAJJ, Apprentissage des lettres de l'alphabet en s'amussant.

Service to the Profession

Ad-hoc Reviewer for Journals

2014 *Indian Journal Science and Technology*

2014 *Knowledge-Based Systems Journal*

Advisory

2012–2015 *Jury member (president & reader) for the MSc-Pro defense, FSJEGJ*

Participation in Research Consortia

2014–2016 Microblog Mining (Twitter), coordinated by Dr. Malik Muhammad Saad MISSEN

2009–2011 Evaluation of the Effectiveness of Aggregated Search in Information Retrieval Systems, coordinated by Prof. Mohand BOUGHANEM, with Dr. Arlind KOPLIKU, and Dr. Karen PINEL-SAUVAGNAT, in the SIG-RFI Team

Member of Symposium Program Committee

2004–2005 *National Symposium of ISFM, March 17-19, 2005, Sbeitla*

International Representation

2012 **France:** *Speaker at the EGC conference, University of Bordeaux 1, 31 January-3 February*

Romania: *Speaker at the WIMS conference, University of Craiova, 13-15 June*

2011 **France:** *Speaker at the CORIA conference, University of Avignon, 16-18 March*

France: *Speaker at the RFIW workshop, University of Western Brittany, 25-28 January*

2010 **France:** *Speaker at the INFORSID conference, University of Provence Aix-Marseille, 25-28 May*

2005 **France:** *Attendee at the EGC conference, Paris Descartes University, 19-21 January*

Main Active Research Collaborations

With Scholars Affiliated Abroad

Since 2014 **Dr. Malik Muhammad S. MISSEN**, Toulouse Institute of Computer Science Research, The Islamia University of Bahawalpur, Pakistan

Since 2009 **Prof. Mohand BOUGHANEM**, Toulouse Institute of Computer Science Research, Paul Sabatier University - Toulouse 3, France

Developer Experience

2009–2011 Complementary scientific and professional training referred to the Doctoral School Mathematics, Informatics and Telecommunications of Toulouse [ED MITT 475]. Further career and insertion (Communication and speaking in public, Recruitment interview, Promote employability by enhancing its image), Educational practices for college (Position yourself as a teacher, Teaching practice in a foreign language: English), Management of the Publications (Uses ZOTERO software, Writing your research, Copyright and practical applications for the thesis, Teaching and scientific publication), etc.

Computer Skills

Modeling language & method	UML, MERISE
Programming languages	ADA, C, Java, Visual Basic, Flex, Bison
Database management systems	MS Access, MySQL, Oracle
Query languages	SQL, PL/SQL, XSLT, XQuery
Scripting languages	Bash, PHP
Markup languages	XML, HTML
Digital typesetting	L ^A T _E X

Languages

Arabic	Native speaker
French	Fluent
English	Elementary proficiency

Publications

Journal articles

- [1] N. Naffakhi, M. Boughanem, and R. Faiz. Bayesian Networks based Model for XML Aggregated Retrieval. In *International Journal - Information Systems (Inf. Sys.)*, [Submitted](#).
- [2] N. Naffakhi, and R. Faiz. Less is More: aggregating meaningful elements for xml keyword search. In Cépadues-Éditions, *International Journal on Information - Interaction - Intelligence (I3)*, volume 12, number 1, 2012. [[URL](#)]

- [3] N. Naffakhi, M. Boughanem, and R. Faiz. Recherche d'Information Agrégée dans des documents XML basée sur les Réseaux Bayésiens. In D. A. Zighed et G. Venturini, editor, *Revue des Nouvelles Technologies de l'Information (RNTI)*, volume 1, pages 369–380. Hermann, 2012. [[URL](#)]
- [4] R. Faiz, N. Naffakhi, and K. Mellouli. Apprentissage supervisé pour la classification des images basé sur la structure P-tree. In D. A. Zighed et G. Venturini, editor, *Revue des Nouvelles Technologies de l'Information (RNTI)*, volume 2, pages 469–480. Hermann, 2005. [[URL](#)]

Referred Conference Papers

- [5] N. Naffakhi, and R. Faiz. Using Bayesian Networks Theory for Aggregated Search to XML retrieval. In *The 2nd International Conference on Web Intelligence, Mining and Semantics (WIMS), Craiova, Romania, 13/06/2012-15/06/2012*, pages 71, ICPS, ACM digital library, New York, NY, USA, 2012. [[URL](#)]
- [6] N. Naffakhi, and R. Faiz. Aggregated Search in XML Documents: What to retrieve?. In *IEEE International Conference on Information Technology and e-Services (ICITeS), Sousse, Tunisia, 24/03/2012-26/03/2012*, pages 121–126, March 24-26, 2012. [[URL](#)]
- [7] N. Naffakhi, M. Boughanem, and R. Faiz. Un Modèle Bayésien pour l'Agrégation des Documents XML. In *CONFérence francophone en Recherche d'Information et Applications (CORIA), Avignon, France, 16/03/2011-18/03/2011*, pages 335–348, Association ARIA, Mars 2011. Université d'Avignon. [[PDF](#)]
- [8] N. Naffakhi, M. Boughanem, and R. Faiz. Réseau bayésien pour un modèle de Recherche d'Information agrégée dans des documents semi-structurés. In *Actes de XXVIIIème Congrès INFORMATIQUE des ORGANISATIONS et SYSTÈMES d'INFORMATION et de DÉCISION (INFORSID), Marseille, France, 25/05/2010-28/05/2010*, pages 111–126, Association INFORSID, Mai 2010. Université de Provence. [[PDF](#)]
- [9] N. Naffakhi. Un modèle bayésien pour l'agrégation des documents semi-structurés. In *Rencontres des Jeunes Chercheurs en Recherche d'Information, en conjonction avec Colloque International Francophone sur l'Écrit et le Document et CONFérence en Recherche d'Information et Applications (RJCRI:CIFED-CORIA), Sousse, Tunisie, 18/03/2010-20/03/2010*, Edition CPU, pages 495–500, Mars 2010.
- [10] N. Naffakhi, and R. Faiz. A binary approach for the classification of images using a supervised learning. In *International Symposium on Image/Video Communications over fixed and mobile networks (ISIVC 2006), Hammamet, Tunisia, 13/09/2006-15/09/2006*, September 2006.

Referred Workshop Papers

- [11] N. Naffakhi, and R. Faiz. Modèle basé sur les réseaux bayésiens pour agréger des éléments XML pertinents et non-redondants. In *Atelier de Recherche et Fouille d'Information sur le Web (RFIW) en conjonction avec la 11ème Conférence Internationale Francophone: Extraction et Gestion des Connaissances (EGC), Brest,*

France, 25/01/2011-28/01/2011, pages 58–69, Hermann-Éditions, Janvier 2011.
Université de Bretagne Occidentale. [[URL](#)]

Referred Conference Papers with National Audience

- [12] N. Naffakhi, and R. Faiz. Modèle flexible de Recherche d'Information dans de corpus de documents XML multimédias. In *Nouvelles Tendances Technologiques en Génie Électrique et Informatique, (GÉI 2008), Sousse, Tunisie, 18/03/2008-20/03/2008*, Édition CPU, pages 205–214, Mars 2008.