

CURRICULUM VITAE

Nadim Obeid

1. PERSONNAL DETAILS

Name: Nadim OBEID

Address (*work*) Department of Computer Information Systems
King Abdullah II School for Information Technology
The University of Jordan
Amman, Jordan.

Position: Professor

Martial Status: Married

Nationality: Jordanian

2. ACADEMIC QUALIFICATIONS

(1979) B.Sc. Mathematics (First)
Lebanese University
Lebanon.

(1980) B.Sc. Business Administration -
Section of Accountancy and Financing (First)
Lebanese University
Lebanon.

(1982) Diploma in Computer Programming and
Microprocessor applications (Distinction)
University of Essex
England, UK.

(1983) M.Sc. Computer Studies, (Distinction in Examination)
University of Essex
England, UK.

(1987) Ph.D. in Computer Science
University of Essex
England, UK.
Supervisor: Professor Raymond Turner

3. ACADEMIC AND RESEARCH POSTS

- Feb. 2004 – Date Professor
Department of Computer Information Systems
King Abdullah II School for Information
Technology
The University of Jordan
Amman, Jordan.
- Nov. 2002 – Feb. 2004 Professor
Department of Computer Science
Princess Sumaya University for Technology
Jordan.
- (May 2000 to Oct. 2002) Associate Professor (A)
Department of Computer Science
Princess Sumaya University for Technology
Jordan.
- (Sept. 1996 – May 2000) Associate Professor (B)
Department of Computer Science
Princess Sumaya University for Technology
Jordan.
- (Oct. 1987 to 14 Sept.1996) Lecturer (Assistant Professor)
Department of Computer Science
University of Essex
England, UK.
- (Dec. 1992 - April 1993) Visiting Professor
University of Jordan
Jordan.
- (Nov. 1986 - Sept. 1987) Senior Research Officer
EUROpean Machine TRAnslation Project
(EUROTRA)
Department of Language and Linguistics
University of Essex
England, UK.
- (1979-1980) High School Mathematics Teacher
Lebanon

4. ADMINISTRATIVE RESPONSIBILITIES

4.1. Internal Committees and Responsibilities

- (Sept. 2016-Sept. 2017) Head of Computer Information Systems Department
King Abdullah II School for Information Technology
The University of Jordan
- (Sept. 2016 – Sept. 2017) Head of the Graduate Studies Committee
Computer Information Systems Department
King Abdullah II School for Information Technology
The University of Jordan
- (Sept. 2016 – Sept. 2017) Head/Member of the Graduate Studies Committee
King Abdullah II School for Information Technology
The University of Jordan
- (Sept. 2012 – Sept. 2017) Member of the Scientific Research Committee
King Abdullah II School for Information Technology
The University of Jordan
- (Sept. 2009- Sept. 2012) Dean
King Abdullah II School for Information Technology
The University of Jordan
- (2009-2011) Chairman of the board of Al-Atheer Centre.
- (Sept. 2009- Sept. 2010) Head of Business Information Systems Department
King Abdullah II School for Information Technology
The University of Jordan
- (Sept.2008- Sept. 2009) Deputy-Dean
King Abdullah II School for Information Technology
The University of Jordan
- (Sept. 2008 – Sept. 2012) Head of the Graduate Studies Committee
King Abdullah II School for Information Technology
The University of Jordan
- (Oct. 2007 – Sept. 2012) Member of the University Council, University of Jordan.
- (Oct. 2004 – Sept. 2012) Head of the Scientific Research Committee
King Abdullah II School for Information Technology
The University of Jordan
- (Oct. 2004 – Sept. 2015) Member of the Appointment and Promotion Committee
King Abdullah II School for Information Technology

The University of Jordan

- (Oct. 2004 – Sept. 2012) Member of the Graduate Studies Committee
King Abdullah II School for Information Technology
The University of Jordan
- (Oct. 2002 – Feb. 2004) Member of the Scientific Research Committee
Princess Sumaya University for Technolgy.
- (Oct. 1998 to 2000) Member of the Scientific Research Committee
Princess Sumaya University for Technolgy.
- (Oct. 1999 to 2000) Member of the Student Affairs Committee
Princess Sumaya University for Technolgy.
- (Oct. 1994 - Sept. 1996) Scheme Director of B.Sc in Computer Science
(Artificial Intelligence)
Department of Computer Science
University of Essex.
- (Oct. 1994 - Sept. 1996) Scheme Director of B.Sc in Computer Science
(Artificial Intelligence)
Department of Computer Science
University of Essex.
- (Oct. 1990 – Sept.1996) Overseas Admission Director
Department of Computer Science
University of Essex.
- (Oct. 1987- Sept. 1999) Member of Cognitive Science Centre
University of Essex
- (Oct. 1987 - Sept. 1990) Academic Coordinator for Four Sun Laboratories
Department of Computer Science
University of Essex.
- (Oct. 1987- Sept. 1989) Member of the steering committee
European Machine Translation Project (Eurotra).

4.2. External Committees:

- 2011 Member of a Prestigious National Prize committee, Amman-Jordan
- 2010- 2012 Member of the Scientific research Fund Support Committee,
Science, Engineering and IT committee
Ministry of Higher Education

- 2009-2010 Member of Higher education Accreditation Committee, Science and Engineering Degrees,
Ministry of Higher Education
- 2006-Date Member of many Higher Education Accreditation Committee for programs in IT.
Ministry of Higher Education
- 2007 Member of a Prestigious Regional Prize committee, Amman-Jordan
- 2006- Date Many Specialized Committess,
Ministry of Higher Education Committees.
- 1992-1996 Member of Software Intellectual Property Committee,
England, UK.

5. NON-ACADEMIC RESPONSIBILITIES

- (Oct. 1986 - Sept. 1992) Residential Assistant Dean of Students
Avon Way House
University of Essex.
- (Oct. 1991- Sept. 1996) Member of the Equal Opportunity Committee
University of Essex.

6. PUBLICATIONS

6.1. Indexed (in Web of Science/JCR), International Scientific Journal Papers

- Eshtay, M., Faris, H. and Obeid, N., 2018. Improving extreme learning machine by competitive swarm optimization and its application for medical diagnosis problems. *Expert Systems with Applications*, 104, pp.134-152.
- Moubaidin, A., Salah, I. and Obeid, N., 2018. A temporal modal defeasible logic for formalizing social commitments in dialogue and argumentation models. *Applied Intelligence*, 48(3), pp.608-627.
- Eshtay, M., Faris, H. and Obeid, N., 2018. Metaheuristic-based extreme learning machines: a review of design formulations and applications. *International Journal of Machine Learning and Cybernetics*, pp.1-19.
- Alwidian, J., Hammo, B.H. and Obeid, N., 2018. WCBA: Weighted classification based on association rules algorithm for breast cancer disease. *Applied Soft Computing*, 62, pp.536-549.

- Duaa Elsarraj, Maha Al Qisi, Ali Rodan, Nadim Obeid, Ahmad Sharieh, Hossam Faris, (2017), Demystifying echo state network with deterministic simple topologies, *International Journal of Computational science and Engineering*, *In Press*.
- Khair Eddin Sabri and Nadim Obeid, (2016), A Temporal Defeasible Logic for Handling Access Control Policies, *Applied Intelligence*, Vol 44, No. 1, 30-42. (2016)
- Bassam Hammo, Nadim Obeid and Israa Huzayyen, I. (2016). ViStA: a visualization system for exploring Arabic text. *International Journal of Speech Technology*, Vol. 19, No. 2, 237-247.
- Jaber Alwidian, Bassam Hammo, Nadim Obeid, (2016), FCBA: Fast Classification Based on Association Rules Algorithm, *International Journal of Computer Science and Network Security*, Vol 16, No. 12, pp. 117-127.
- Asma Moubaidin, Ola Shalbak, Bassam Hammo and Nadim Obeid, (2015), Arabic Dialogue System for Hotel Reservation based on Natural Language Processing Techniques, *Computación y Sistemas*, 19(1), 119-134.
- Asma Moubaidin, Bassam Hammo, Nadim Obeid Bassam and Abeer Tuffaha, (2014), Formal description of Arabic syntactic structure in the framework of the government and binding theory. *Computación y Sistemas*, 18(3), 611-625.
- Asma Moubaidin and Nadim Obeid, (2013), On Formalizing Social Commitments in Dialogue and Argumentation Models using Temporal Defeasible Logic, *Knowledge and Information Systems*, Vol. 37, No. 2, 417-452. DOI: 10.1007/s10115-012-0578-6.
- Asma Moubaidin, Fatmeh Shawarbeh and Nadim Obeid, (2013), Using Intelligent Agents in e-Learning, *Information*, Vol. 16, No. 10, 7325-7342.
- Mahran Al-Zyoud, Imad Salah and Nadim Obeid, (2012), Towards a Model of Context Awareness Using Web Services, *Computational Collective Intelligence. Technologies and Applications*, *Lecture Notes in Computer Science*, Vol. 7654, 121-131.
- Nadim Obeid and Raj B. K. N. Rao, (2010), On Integrating Event Definition and Event Detection, *Knowledge and Information Systems*, Vol. 22, No. 2, 129-158. DOI: 10.1007/s10115-009-0193-3.
- Asma Moubaidin and Nadim Obeid, (2009), Partial Information Basis for Agent-Based Collaborative Dialogue, *Applied Intelligence*, Vol 30, No 2, 142-167. Available Online: **DOI [10.1007/s10489-007-0108-5]**

- Nadim Obeid, (2005), A Formalism for Representing and Reasoning with Temporal Information, Event and Change, In: *Special Issue on Temporal Uncertainty*, Applied Intelligence, Vol. 23, No. 2. 109-119, Kluwer Academic Publishers, USA.
- Nadim Obeid, Towards a Formalization of Collective Decision-Making and Learning, In: *Recent Advances in Intelligent Systems and Signal Processing*, 285-290, World Scientific and Engineering Society Press, 2003.
- Nadim Obeid, On Multi-Agent Diagnosis, In: *Recent Advances in Intelligent Systems and Signal Processing*, 252-257, World Scientific and Engineering Society Press, 2003.
- Nadim Obeid, Model-Based Diagnosis and Conditional Logic,(2001), *Applied Intelligence*, Vol 14, 213-230, Kluwer Academic Publishers, USA.
- Nadim Obeid, (2001), On the Connection between Normal Default Reasoning and Conditional Logic, *Computing and Informatics*, Vol. 20.
- Nadim Obeid, (2000), Towards a Model of Learning Through Communication, *Knowledge and Information Systems*, Vol 2, 498-508, Springer-Verlag, USA.
- Nadim Obeid, (1996), A Proof Procedure for Normal Default Theories, *Applied Intelligence*, Vol. 6, No. 2, 1-11, Kluwer Academic Publishers.
- Nadim Obeid, (1996), Three Valued Logic and Nonmonotonic Reasoning, *Computers and Artificial Intelligence*, Vol. 15, No. 6, 509-530.
- Nadim Obeid, (1992) Answers to Modal and Hypothetical questions in Knowledge Based Systems, *Applied Intelligence* 2, 353-367, 1992, Kluwer Academic Publishers, USA.
- N Obeid, (1992) Nonmonotonic Reasoning, Logical Foundation of Commonsense (Book Review), (1992), *The Computer Journal*, Vol. 35, No. 2, 1992.
- N Obeid and R. Turner, (1991), Logical Foundations of Nonmonotonic Reasoning, *Artificial Intelligence Review, special Issues*, vol. 5, Nos. 1&2, 53-70.

6.2. Indexed (in Scopus and/or NASA Center for Aerospace Information), International Scientific Journal Papers

- Ahmad Abdel-Aziz Sharieh, Iman Sharif Mustafa and Nadim Obeid, (2009), Row Column Diagonal Using Multithreads for Sequence Alignment in DNA , *European Journal of Scientific Research*, Vol. 30, No. 1, 6-25.

- Asma Moubaidin and Nadim Obeid, (2008), Towards A Multi-Agent Based Model of Argumentation and Dialogue for E-Learning, *International Journal of Education and Information Technologies*, Vol. 2, No. 3, 175-183.
- Moh'd Belal Al- Zoubi, Imad Salah, Azzam Sleit Saleh Al-Sharaeh, Ammar Huneiti and Nadim Obeid, (2008), Efficient Method for Assigning Students to Proper Groups, *European Journal of Scientific Research*, Vol. 21, No. 2, 249-258.
- N Obeid and R. B. K. N. Rao , (2007), A Step Toward a Universal Theory of Failure Handling, *Diagnostyka 1* (41), 2007. **(Invited Paper)**
- Moh'd Al- Zoubi and Nadim Obeid, (2007), A Fast Distance-Based Algorithm to Detect Outliers, *Journal of Computer Science*, Vol. 4, No. 12.
- N. Obeid, I Salah and R Rao, Role of Knowledge Management in Diagnosing and Prognosing System's Failures, *Diagnostyka 1* (37), 2006. **(Invited Paper)**
- Nadim Obeid, (2005), A Model-Theoretic Semantics for *Default Logic*, *WSEAS Transactions on Computers*, Vol. 4, No. 6, 581-590.
- Nadim Obeid and Raj B. K. N. Rao, (2005), Temporal Aspects in Condition Monitoring & Root Cause Failure Diagnosis of Modern Complex Systems, *International Journal of Condition Monitoring and Diagnostic Engineering Management (COMADEM)*, Vol. 8(4), 10-23, UK.
- Nadim Obeid, (2004), Towards a Predictive Multi-Agent Model-Based Diagnosis, *WSEAS Transactions on Systems*, Vol. 3, No. 5, 2194-2200.
- Nadim Obeid and Raj B. K. N. Rao, (2004), Diagnostic Temporal Reasoning in Model-Based Diagnosis (MBD) of Dynamic System, *International Journal of Condition Monitoring and Diagnostic Engineering Management (COMADEM)*, Vol. 7, No. 1, 13-28, UK.
- Nadim Obeid and Raj B. K. N. Rao, (2004), Towards a Formalization of Multi-Agent Based Fault Diagnosis of Complex Dynamic Systems, *International Journal of Condition Monitoring and Diagnostic Engineering Management (COMADEM)*, Vol. 7, No. 4, 13-23, UK.
- Nadim Obeid, (2002), Logic in Artificial Intelligence and Industrial Applications, Part II, *International Journal of Condition Monitoring and Diagnostic Engineering Management (COMADEM)*, Vol. 5, No. 1, 5-13, 2002, UK. , **(Winner of the Best Paper of the Year Award)**
- Nadim Obeid and Raj B. K. N. Rao, (2002), Innovative Trends in Knowledge Based Logical Reasoning in the Field of COMADEM, the Field, *International Journal of*

Condition Monitoring and Diagnostic Engineering Management (COMADEM), Vol. 5, No. 3, 5-13, UK.

- Nadim Obeid, Logic in Artificial Intelligence and Industrial Applications, Part I, *International Journal of Condition Monitoring and Diagnostic Engineering Management (COMADEM)*, Vol. 4, No. 4, 5-13, 2001, UK. **(Winner of the Best Paper of the Year Award)**
- Nadim Obeid, Fault Diagnosis Using Three-Valued Based Nonmonotonic Logic, *International Journal of Condition Monitoring and Diagnostic Engineering Management (COMADEM)*, Vol. 3, No. 2, 17-28, 2000, UK.

6.4. Refereed, Regional/National Scientific Journal Papers

- Nadim Obeid, Representing and Reasoning about Knowledge, *Arab Philosophical Journal*, Vol. 5, No. 1&2, 15-59, 1997, Jordan.

6.5. Chapters in Books and Books Series with International Publishers (e.g., Springer)

- Mobaidin, A. and Obeid, N., (2018), June. On Commitments Creation, Compliance and Violation. In: *Lecture Notes in Computer Science*, 10868 LNAI, pp. 465-476
- Amjad Hudaib, Mais Haj Qasem, Nadim Obeid, (2018), FIPA-Based Semi-centralized Protocol for Negotiation, *Advances in Intelligent Systems and Computing* book series, Vol. 661, 135-149.
- Ala'a Al-Shaikh, Hebatallah Khattab, Asma Moubaidin, Nadim Obeid, (2017), A Defeasible Description Logic for Representing Bibliographic Data, In: Nashrawan Taha, Rizik Al-Sayyed, Ja'far Alqatawna, Ali Rodan (Eds), *Social Media Shaping e-Publishing and Academia*, Springer
- Heba Al-Juaidy, Lina Abu Jaradeh, Duha Qutaishat, and Nadim Obeid, (2013), On Representing and Sharing Knowledge in Collaborative Problem Solving, *Contemporary Challenges and Solutions in Applied Artificial Intelligence*, *Studies in Computational Intelligence* Volume 489, pp 61-66.
- Nadim Obeid and Samih Al-Areqi, (2013), Using Agents for Dynamic Components Redeployment and Replication in Distributed Systems, *Contemporary Challenges and Solutions in Applied Artificial Intelligence*, *Studies in Computational Intelligence*, Volume 489, pp 19-25.

- Marwan Altawil, Asma Moubaidin and Nadim Obeid, (2011), Towards an Agent-Based Knowledge Management System, *Developing Concepts in Applied Intelligence, Studies in Computational Intelligence, Volume 363*, pp 95-100
- Samih Al-Areqi, Amjad Hudaib and Nadim Obeid, (2011), Improving Availability in Distributed Component-Based Systems via Replication, *New Challenges for Intelligent Information and Database Systems, Studies in Computational Intelligence, Volume 351*, pp 43-52.
- Nadim Obeid and Asma Moubaidin, (2010), Towards a Formal Model of Knowledge Sharing in Complex Systems, *Intelligent Systems for Knowledge Management, Smart Information and Knowledge Management, Studies in Computational Intelligence, Volume 260*, pp 53-82.
- Asma Moubaidin and Nadim Obeid, (2008), Dialogue and Argumentation in Multi-Agent Diagnosis, In: *New Challenges in Applied Intelligence Technologies, New Challenges in Applied Intelligence Technologies, Studies in Computational Intelligence, Volume 134*, pp 13-22.
- Nadim Obeid, A Formalism for Defeasible Inheritance,(1996), in: *Industrial & Engineering Applications of Artificial Intelligence and Expert Systems*, Tanaka T., Ohsuga S., and . Ali M. eds., 357-362, Taylor and Francis.
- Nadim Obeid, (1989), On maintaining and reasoning with incomplete information, in: *Proc. of the International Congress on Condition Monitoring & Diagnostic Engineering Management, COMADEM*, (eds. Raj R. and Hope A.), 261-270, Springer.
- J. Bell, N. Obeid, E. Tsang and R. Turner, (1988), Logic in artificial intelligence, (with J. Bell, E. Tsang and R. Turner), in: *Artificial Intelligence, State of the Art Report*, 11-28, Pergamon, London, UK.

6.6. Refereed International Conferences (Indexed in IEEE, DBLP and/or Web of Science) Proceedings

- Mais Yasen ; Nailah Al-Madi ; Nadim Obeid, (2018), Optimizing Neural Networks using Dragonfly Algorithm for Medical Prediction, 2018 8th International Conference on Computer Science and Information Technology (CSIT), pp. 71-76, **IEEE**.
- Lana Issa ; Firas Alghanim ; Nadim Obeid, Analysis of Food Pairing in Some Eastern Mediterranean Countries, 2018 8th International Conference on Computer Science and Information Technology (CSIT), pp. 167 – 172, **IEEE**.
- Heba Abdel-Nabi ; Arafat Awajan ; Nadim Obeid, (2018), A Novel Histogram Shifting Reversible Data Hiding Scheme for Color Images, 2018 8th International

Conference on Computer Science and Information Technology (CSIT), pp 173 – 179, IEEE.

- Alhijawi, B., Obeid, N., Awajan, A. and Tedmori, S., 2018, April. Improving collaborative filtering recommender systems using semantic information. In *Information and Communication Systems (ICICS), 2018 9th International Conference on* (pp. 127-132). IEEE.
- Sherin Hijazi ; Nadim Obeid ; Riad Jabri, (2017), On Drug Dosage Control Using Description Defeasible Logic, 2017 International Conference on Computational Science and Computational Intelligence (CSCI), pp.1654-1659, IEEE.
- Nadim Obeid, Enas Rawashdeh, Eman Alduweib, Asma Moubaidin, (2016), On Ontology-Based Diagnosis and Defeasibility, 2016 International Conference on Computational Science and Computational Intelligence (CSCI), IEEE.
- Nadim Obeid, Israa Huzayyen and Bassam Hammo, Experimenting with Arabic Text Visualizing, 1st International Conference on Communications, Signal Processing, and their Applications (ICCSPA'13), IEEE, 2013.
- Asma Moubaidin, Abeer Tufaha, Bassam Hammo and Nadim Obeid, Investigating the Syntactic Structure of Arabic Sentences, 1st International Conference on Communications, Signal Processing, and their Applications (ICCSPA'13), IEEE, 2013.
- Asma Moubaidin and Nadim Obeid, Towards an Interdisciplinary Collaboration Support System, *Advances in Education Research*, Vol 3., 244-249, 2012.
- Nadim Obeid and Asma Moubaidin, On The Role Of Dialogue And Argumentation In Collaborative Problem Solving, 9th International Conference of Intelligent System Design and Applications, Published by IEEE CS, 2009.
- Asma Moubaidin and Nadim Obeid, Dialogue and Argumentation in Interdisciplinary Communication: 12th World Multi-Conference on Systemics, Cybernetics and Informatics(WMSCI), 3rd International Symposium on Knowledge Communication and Conferences, 318-323, Orlando, Florida, USA, 2008.
- Asma Moubaidin and Nadim Obeid, Towards A Formal Model of Knowledge Acquisition Via Cooperative Dialogue, 9th International Conference on Enterprise Information Systems, 2007.
- Asma Moubaidin and Nadim Obeid, A Multi-Agent Approach to E-Learning, *Recent Advances in E-Activities*, Proc. Of the 7th WSEAS International Conference on E-Activities, Electrical and Computer Engineering Series, 252-257.

- Nadim Obeid, On Modelling Communicating Agents, in: *Proc. of the Fourth International Symposium on Information Sciences*, (eds. Rauch W., Strohmeier, Hiller H. and Schlog C.), 121-136, 1994.
- R. Ball, E. K. Brown, C. Fox, M. Groefsema, A. De Roeck, N Obeid and R. Turner, Answers to Modal and Hypothetical Questions, in: *Proc. of the Fifth Conference of the European Chapter of the Association for Computational Linguistics*, UK, 1991.
- Nadim Obeid, Towards a model of learning via dialogue. In *Proc. 2nd international Conference on industrial and Engineering Applications of Artificial intelligence and Expert Systems - Volume 2* (Tullahoma, Tennessee, United States). A. Monnis, Ed. IEA/AIE '89. ACM, New York, NY, 831-837. DOI=<http://doi.acm.org/10.1145/67312.67354>, 1989.

6.7 Book Chapter Series

- Nadim Obeid, On Assumptions in Diagnosis, In: *Systems and Control: Theory and Applications*, N. Mastorakis (eds.), Electrical and Computer Engineering Series, 337-342, World Scientific and Engineering Society Press, 2000.
- J. Bell, N. Obeid, E. Tsang and R. Turner Logic in artificial intelligence, (with J. Bell, E. Tsang and R. Turner), in: *Artificial Intelligence, State of the Art Report*, 11-28, Pergamon, 1988, London, UK.

6.8. Refereed International Conferences and Invited Proceedings Papers

- Bassam Hammo, Faisal Al-Shargi, Sane Yagi, Nadim Obeid, Developing tools for Arabic corpus for researchers, Second Workshop on Arabic Corpus Linguistics (WACL-2), Lancaster University, UK, 2013
- B. K. N., Rao, I. A. Oraifige and N. A. Obeid, Failure Diagnosis through Virtual Reality(VR), 21st International Congress on Condition Monitoring and Diagnostic Engineering Management, COMADEM, 391-494., 2008
- Asma Moubaidin and Nadim Obeid, The Role of Dialogue in Remote Diagnostics, 20th International Conference on Condition Monitoring & Diagnostic Engineering Management, COMADEM, 2007.
- N Obeid, I Salah and R Rao, Performance Monitoring and Diagnostic Support to Asset Management: Integrating Planning and Scheduling, in: 19th International Conference on Condition Monitoring & Diagnostic Engineering Management, COMADEM, Sweden, 2006.

- N Obeid and R. B. K. N. Rao, Monitoring and Diagnostic Support to Asset Management, in: 17th International Congress on Condition Monitoring & Diagnostic Engineering Management, COMADEM, (R. Rao, B. Jones and R. Grosvenor eds.), 543-555, 2004.
- Nadim Obeid, A Logic Framework for Model-Based Diagnosis of Dynamic Systems, in: *Proc. of the 15th International COMADEM Congress on Condition Monitoring & Diagnostic Engineering Management*, , 189-199, 2002.
- Nadim Obeid, On Normal Default Reasoning and Conditional Logic, in: *Progress in Artificial Intelligence, IBERAMIA '98*, (eds. H Coelho), 81-92, 1998.
- Nadim Obeid, A Conditional Logic for Diagnostic Reasoning, in: *Proc. of the International Congress on Condition Monitoring & Diagnostic Engineering Management*, COMADEM, (eds. Kuhnell B. and Rao B.), 661-672, 1998.
- Nadim Obeid, Assumption-Based Reasoning and Fault-Diagnosis, in: *Proc. of the International Congress on Condition Monitoring & Diagnostic Engineering Management*, COMADEM, (eds. Rao R., Smith R. and Wearing J.), 1113-1122, 1996.
- Nadim Obeid, Patterns of Reasoning with Inheritance Networks, in: *Proc. of the Eight International Symposium on Computer and Information Sciences*, (eds. Gun L., Onvural R., and Gelenbe E.), 13-20, Presses de l'Ecole de Hautes Etudes en Informatique, University Rene Descartes, 1993.
- Nadim Obeid, On Choosing among Competitive Default Theories, (with M. Fang) in: *Proc. of the Fifth International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems*, 141-149, 1992.
- Nadim Obeid, Reasoning with Inheritance Networks, in : *Proc. Of First Singapore International Conference on Intelligent Systems*, 82-91,1992.
- M. Groefsema, N Obeid and C. Fox, Can, May, Must and Should: A Division of Labour, *Linguistic Association of Great Britain*, Somerville College, Oxford, 1991.
- Nadim Obeid, On Some Aspects of Default Reasoning, (with M. Fang), in: *AI'90, Proc. of the Fourth Australian Joint Conference on Artificial Intelligence*, (C. P. Tsang Eds.) , 81-93, Perth, 1990, World Scientific, [ISBN:9810204167, 9789810204167]
- Nadim Obeid, On knowledge acquisition and representation in knowledge based systems, in: *Expert Systems: Theory & Applications*, (eds. Hamza H.), Acta Press, 1989.

- Nadim Obeid, Knowledge based systems: reasoning and interaction, in: *Expert Systems: Theory Applications*, (eds. Hamza H.), Acta Press, 1989.
- Nadim Obeid, Expert systems: Some theoretical and practical aspects of reasoning and constructive interaction, in: *Proc. of the International Conference on Artificial Intelligence in Industry and Government*, 1989.
- Nadim Obeid, A propositional logic for reasoning about real-time situations, in: *Proc. of the international IASTED Conference on Expert Systems*, (eds. Hamza H), Acta Press, 1988.
- Nadim Obeid, Towards a real-time knowledge base system, *United Kingdom Information Technology Conference*, Department of Trade and Industry, London, 28-31, 1988, London, UK.

6.5. Other Publications

1. Nadim Obeid, A Model of Information Growth, Ph.D Thesis, Department of Computer Science. University of Essex, 1987.
2. Nadim Obeid, A structured Editor for Prolog, M.Sc Dissertation, 1983, *Program installed on Main Frame*, Essex University, 1983-2000.

7. SUPERVISION (M.Sc and PhD)

- | | |
|-----------|--|
| 1992-1996 | 2 Ph.D theses
Department of Computer Science
Essex University. |
| 1988-1996 | 25 M.Sc dissertations
Department of Computer Science
Essex University. |
| 2006-Now | Over 35 M.Sc dissertations
King Abdullah II School for Information Technology
The University of Jordan |
| 2013-Now | 5 PhD Theses
King Abdullah II School for Information Technology
The University of Jordan |

8. EXTERNAL AND INTERNAL EXAMINING AND REFEREEING

- | | |
|------|--|
| 1991 | External Referee (3 applicants)
Trinity College
University of Cambridge
UK. |
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1992 External Examiner (1 Ph.D student)
Imperial college
University of London
UK.

1993 External Examiner (1 Ph.D student)
Imperial college
University of London
UK.

1992 External Referee
King's college
University of London
UK.

1994 External Examiner (1 Ph.D student)
Imperial college
University of London
UK.

I have *internal* examined at Essex University 5 Ph.D theses, over 25 M.Sc. dissertations and many graduation Projects during the period 1988-1996.

I have also examined over 15 PhD theses and over 50 MSc Dissertations in various universities in Jordan since 1996.

I have delivered many seminars at universities in UK, Germany and Jordan.

10. EDITORIAL BOARDS AND CONFERENCE COMMITTEES

- Member of the International Program Committee for the First IASTED International Conference on *Intelligent Systems and Robotics, ISAR, 2016.*
- Member of the International Program Committee for The 2nd International Conference on *Advanced Intelligent Systems and Informatics (AIS2016), 2016.*
- Member of the International Program Committee for the Third IASTED International Conference on *Telehealth and Assistive Technology (TAT 2016), 2016.*
- Member of the International Program Committee for the IASTED International Conference on *Robotics and Control Systems, 2016.*

- Member of the Technical Program Committee for the International Conference on Applied Mechanics, Mechatronics and Intelligent System (AMMIS2014), 2014.
- Member of the International Program Committee for the First International Conference on Cloud Computing, 2013.
- Member of the Advisory Committee for the 5th International Conference on Computer Science and Information Technology (CSIT2013), 2013.
- Member of the International Program Committee for the International Conference on Computational Intelligence and Bioinformatics (CIB), 2011.
- Member of the International Program Committee for IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies, (AEECT), 2011
- Member of the Editorial Board, Journal of Universal Computer Science, 2010-date.
- Member of the Editorial Board, I-Business, 2010-date.
- Regional Publicity Chair, International Conference on Communications and Information Technology (ICCIT), 2011.
- Track Chair, Artificial Intelligence and Agent Technologies, International Conference on Communications and Information Technology (ICCIT), 2011.
- Member of the Technical Program Committee of the International Conference on Communications and Information Technology (ICCIT), 2011.
- Member of the Scientific Committee of the International Conference on Frontiers and Beyond in Information Technology (FBIT), Jordan 2011.
- Member of the Technical Committee of the International Arab Journal of e-Technology (IAJeT), 2010-Date.
- Member of the IASTED Technical Committee on Intelligent Systems and Control, 2004-2009.
- Member of the IASTED Technical Committee on Computational Intelligence, 2004-2010.
- Member of the International Advisory Committee, 17th COMADEM International Conference, 2004, Cambridge, UK.

- Member of the Program Committee, 2004 International Business Information Management Conference, 2004.
- Member of the program committee, Mathematics and Computers in Business and Economics MBCE2000, 2000.
- Member of the program Committee, First Southern Conference on Computing, 1998.
- Chairman of sessions in many International Conferences

11. MEMBERSHIP IN SCIENTIFIC ASSOCIATIONS AND SOCIETY

- (1) A member of the Cognitive Science Centre at the University of Essex between 1987-1999.
- (2) A member of the New York Academic of Sciences, 1996.
- (3) Member of WSEAS, 2000.

12. REFEREE

12.1. Indexed, Refereed, International Scientific Journals

- (1) IEEE
- (2) Journal of Artificial Intelligence.
- (3) Studia Logica Journal.
- (4) The Computer Journal.
- (5) Logic and Computation.
- (6) Human-Computer Interaction Journal.
- (7) Applied Intelligence.
- (8) Computing and Informatics.
- (9) Logic and Computation.
- (10) Logic, Language and Information.
- (11) Computer and Control Journal.
- (12) Knowledge and Information Systems
and many others.

12.2. Refereed International Conferences

- (1) International Conference on Artificial Intelligence.
- (2) European Conference on Artificial Intelligence.
- (3) International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems.
- (4) Australian Joint Conference on Artificial Intelligence.
- (5) International Symposium on Computer and Information Sciences.
- (6) International Symposium on Information Sciences.
- (7) International IASTED Conference on Intelligent Systems and Control

(8) International IASTED Conference on Computational Intelligence and many others

13. CONFERENCES ATTENDED

I have attended more than 35 conferences. Among these are:

- (1) International Joint Conference on Artificial Intelligence.
- (2) European Conference on Artificial Intelligence.
- (3) International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems.
- (4) Australian Joint Conference on Artificial Intelligence.
- (5) International Symposium on Computer and Information Sciences.
- (6) International Symposium on Information Sciences.
- (7) Logic, Language and Information Summer School and many others

14. TEACHING

I have been involved in teaching many:

Undergraduate Courses:

Artificial Intelligence
Knowledge Based Systems
Logic in Artificial Intelligence
Software Engineering
Software Engineering and Documentation
System Analysis and Design
System Development and Tools
Data Base Systems
Theory of Computation
Theory of Algorithms
Algorithms Design
Data Structures
Data Base Systems
Introduction to Computer Science
Programming Courses in:
 Pascal
 C
 C++.

Postgraduate Courses:

Logic in Artificial Intelligence
Artificial Intelligence
Information Systems
Multi-Agent Systems

15. RESEARCH GRANTS

1989 **European Economic Community Grant 3303**
(with E. K. Brown, R. Turner, and A. De Roeck)
30,000 pounds
Questions and Discourse

1988 **ESRC Grant, R000231279**
(with E. K. Brown, R. Turner, and A. De Roeck)
96,490 pounds
Answers to Modal and Hypothetical Questions

15. AWARDS AND STUDY GRANTS

2002 Logic in Artificial Intelligence & Industrial Applications: Part II,
Winner of the Best Paper of the Year Award
International Journal of Condition Monitoring & Diagnostic Engineering
Management

2001 Logic in Artificial Intelligence & Industrial Applications: Part I,
Winner of the Best Paper of the Year Award
International Journal of Condition Monitoring & Diagnostic Engineering
Management

1981 **A Grant to study for a Ph.D. in UK or USA**
(Economics, Accountancy, Finance and Statistics)
Faculty of Business Administration,–
Lebanese University.

1980 **A Grant to study for a Ph.D. in Computer Science in UK**
Faculty of Science,
Lebanese University.

1980 **A Grant to study for a Doctorate 3ieme cycle in France**
Application of Information Technology in Business Administration
French Embassy,
Beirut, Lebanon.