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Qualifications

1985/1986	GCSE General Certificate of Secondary Education (Excellent). Ahmed Elbahlol Secondary School, Misurata.
1992/1993	B.Sc Computer Engineering (Good). University Of Tripoli.
2009/2010	M.Sc Internet and Enterprise Computing (Distinction). Nottingham Trent University.
2014/2016	P.G. Certificate. Professional Research Practice (High Distinction). Nottingham Trent University.
2014/2018	Ph.D A Knowledge-Based Framework for Information Extraction and Exploration. Nottingham Trent University.

Training, Education & Achievements

Pre-Sessional English for Academic Purposes	This course is for international students who need to improve their language skills before starting Master or Doctor of Philosophy Degrees. This course has improved my English language ability and developed my study skills. It took place from April to September 2009 in Nottingham Trent University.
M.Sc. Internet and Enterprise Computing (IEC)	The overall aim of the M.Sc. IEC is to provide students with a specialist master's level education in the theory and practice of the architecture and development of scalable Enterprise Information Systems for medium and large-scale corporations. The M.Sc. IEC provides broad education in the area of Internet and distributed systems engineering and emphasizes the importance of student-centred learning, team building and problem-solving skills.
Performance Prize	I got congratulations letter and a prize for THE BEST OVERALL PERFORMANCE STUDENT for my overall progress during my Master study from the Technology and Science School of Nottingham Trent University.
The 4th ESWC Summer School	The overall goal for the 4th European Semantic Web Conference (ESWC) Summer School was to provide intensive training and networking opportunities for the next researchers' generation. In particular, the school has facilitated the creation of a new cohort of ESWC: Master's, Ph.D.'s. students and junior researchers who will in time become the next leaders of the ESWC conference and of the Semantic Web research area in general. It took place from September the 1st to September the 6th 2014 in Kalamaki, Crete, Greece.
P.G. Certificate. Professional Research Practice	I have been qualified for the award of Post-Graduation (P.G.) Certificate in Professional Research Practice as a result of attending a range of workshops and assessed developmental activities including Doctorate Plus Programme. This advanced study is undertaken in connection with the programme of my Ph.D. research.
Ph.D A Knowledge-Based Framework for Information Extraction and Exploration	I proposed a comprehensive knowledge-based framework to construct and exploit a domain-specific semantic knowledgebase. The proposed framework introduces a novel methodology for linking several components of different techniques and tools such as Machine Learning Algorithms, Semantic Web Technologies and Evolutionary Algorithms. It focuses on providing reusable and configurable data and application templates, which allow developers to apply it in diversity of domains. The objectives of this framework are, extracting information from unstructured data, constructing a semantic knowledgebase from the extracted information, enriching the resultant semantic knowledgebase by sourcing appropriate semi-structured and structured datasets, and consuming the resultant semantic knowledgebase to facilitate the intelligent exploration and search of information. For the propose of investigating the challenges of extracting and modelling information in a specific domain, we employed financial domain as a use-case in the context of stock investment motivating scenario.
Conference Paper	The title of this paper is: "Domain-Specific Relation Extraction Using Distant Supervision Machine Learning." I presented this paper in Proceedings of the 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K 2015) - Volume 1: KDIR, pages 92-103

Journal Paper 1	The title of this paper is: "Smart Information Retrieval: Domain Knowledge Centric Optimization Approach." This paper is published in the IEEE Access Journal, Issue Date: December 2018, Volume: 7, Issue:1, On Page(s): 4167-4183
Journal Paper 2	The title of this paper is: "A Semantic Knowledge-based Framework for Information Extraction and Exploration" This paper will be published as Article 4 in the International Journal of Decision Support System Technology (IJDSST), January 2021, Volume: 14, Issue: 1
Journal Paper 3	Aljamel, A., Khalil, H., & Aburawi, Y. (2021). "International Journal of Information Technology and Language Research Trends in the Fields of Arabic Natural Language Processing Tasks and Arabic Information Extraction Applications: A Survey Study." International Journal of Information Technology and Language Studies, 5(3), 8–33. https://journals.sfu.ca/ijitls/index.php/ijitls/article/view/233
Learning to Teach Online Certification	This course guides me through my journey of understanding how online technologies can enhance my course design. I have the opportunity to develop my understanding of effective online teaching practices and their relationship to the use of different technologies. I was also encouraged to progressively design and reflect upon my own online learning activity, assessment or resource for use in my own class in the course assignments.
WHEEL: Online Training – ICTs & Infrastructure	It is an online workshops Implementation for the Libya Higher Education Institutions faculty members to enhance their knowledge, skills and experiences on ICTS & Infrastructure for the development of internationalization of their strategies. Distribution of curated and targeted material for the aforementioned training topics. Training was directly connected to the submission of the Deliverable Libya Higher Education Blueprint per institution. The training structure was arranged in 10 hours as follows: ICTs: Good Practices and lessons learnt from the use of virtual platforms by UA (2h) ICTs: E-learning platforms by UA (2h) ICTs: Practical Training by UA (2h + 2h) ICTs: Wrap up Session by UA (2h)

Employment

1992-2008 2011-2013	I was one of the engineers of technical supporting and maintenance affiliated to International Computer Center Networking (ICC) Company (Tripoli). This company was responsible of technical supporting and maintenance of the core banking systems in around 100 Libyan Bank Branches. I was assigned as a manager of Misurata city branch of the company since 01/01/1995 until August 2008. Then, I was in a consulting position until September 2013
1998-2020	I was one of the trainers and lecturers of the Higher Institution of Science and Technology / Misurata.
2018-present	I am a member in the Computational Linguistics research group. The goal of this group includes the formulation of the grammatical and semantic frameworks for characterising Arabic Language in ways enabling computationally tractable implementations of syntactic and semantic analysis.
2020-present	I am one of the lecturers in the Software Engineering Department in Faculty of Information Technology in Misurata University. Also, I am a member in Computational Linguistics Research Group. This group investigates the use of computational techniques and linguistics principles to make machines understand and explore Arabic text.

Skills

- I can guarantee that my English reading, writing, listening and speaking are good. It is because of a long journey of learning English language starting from the English classes in the Libyan primary and secondary schools then studying the B.Sc degree in English language in the University of Tripoli; besides, attending several English courses in Libya and UK. Lastly, I spent more than 7 years in the UK to study M.Sc. and Ph.D.
- As a part of my B.Sc, M.Sc and Ph.D degrees study, I have the foundation for many programming Language and I have already completed several projects using UML, asp.net with C#, C++ and JAVA.
- In my master study, I covered the following modules, Advanced Software Engineering, Applied Artificial Intelligent, Enterprise Computing, Internet Programming and Enterprise Systems Management. Besides the major project in which I developed a web application to compose two cloud structured datasets.
- As a trainer and lecturer in the Higher Institution of Science and Technology, I instructed several courses such as Assembly Language, Object Oriented programming by using C++, Operating Systems, Introduction to Computer Networks and Introduction to Programming Languages. In addition, I supervised several graduation projects in many topics such as Content Management System (CMS) by using Joomla, Computer Graphics by using C++ graphic libraries, Timetable Scheduling using Genetic Algorithms, Computer Networks and a small applications using Visual Basic.
- In my Ph.D research, I have proposed a framework that presents a methodology for integrating several components of different algorithms, techniques and approaches such as Information Extraction techniques, Machine Learning Algorithms, Evolutionary Algorithms and Knowledge representation approaches. I put all my efforts to improve my skills and educate myself in those techniques and approaches. As a result, I believe that I can teach courses in many

areas such as Software Engineering, Programming Languages including Object Oriented Programming, Applied Artificial Intelligent including Machine Learning, Information Extraction, Knowledge Representation and Knowledge Exploration.

- I have awarded a certificate in learning to teach online to integrating online technologies into teaching. I know how to approach this integration effectively for the benefit of both students and lecturers. Apart from the type of technology which will be used in online teaching and apart from the level of experience of the teacher, this course can help the lecturers to draw on the teaching strengths and find the approach that is right for them, their students and their educational context.