

# **Curriculum Vitae - Resume**

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**Full Name:** Abduelbaset M. Goweder      **Affiliation:** Libyan Academy, Tripoli - LIBYA  
**Academic Rank:** Full-time Professor in Computer Science at Libyan Academy  
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## **Qualifications and Certificates:**

### **PhD, Computer Science**

University of Essex, Colchester, Essex, England, the UK  
September 2004.

### **M.Sc., Computer & Systems Science**

University of Ottawa, Ottawa, Ontario, Canada  
Winter 1999.

### **Diploma in Operations Research**

Canadian Society of Operational Research , Canada  
Summer 1999.

### **TOFEL Exam Certificate**

TOFEL Center, New York, USA.  
Summer 1996.

### **English Course Certificate (1000 hours) – Eight-month Program**

Fanshawae College, London, Ontario, Canada.  
Summer 1996.

### **B.Sc., Computer Engineering**

Faculty of Engineering, University of Tripoli, Tripoli, Libya  
Spring 1990.

## **Major area of study:**

- Artificial Intelligence
- Artificial Neural Networks
- Genetic Algorithms
- Natural Language Processing
- Data Mining
- Computational Linguistics.
- Information Retrieval and the Internet.
- Digital Systems Design and Testing.
- Design and Analysis of Computer Algorithms.
- Software Design and Testing.
- Software Engineering.
- Mathematical Programming and Operations Research.

## Languages:

- Arabic (Mother Tongue).
- English (Second Language).

## Programming Languages:

JAVA, C/C++,C#, Pascal, Delphi, Perl, Python, Fortran, MIT Scheme, Prolog, Visual Basic.

## Work Experience:

- 2017-2023:** **Full-time Professor** at Libyan Academy, Tripoli, Libya. Currently, I am teaching mandatory and elective courses for Master's students in computer Science Dept. Also, I am teaching a Natural Language Processing course for PhD students in Information Technology Dept. Besides, I am supervising many M.Sc. and PhD theses. In addition, I was an internal and external examiner for a number of M.Sc. theses at Libyan Academy and other Libyan Educational Institutions.
- 2016-2017:** **Sabbatical Leave:** During this period of time, I carried out a research with a collaboration of a colleague and published a paper in Proceedings of CEIT 2016, Hammamet, Tunisia.
- 2014-2016:** **Member of** a consulting committee of the European Union (EU) program at the Ministry of Education and Scientific Research – Libya.  
**Full-time Associate Professor** and **head** of Computer Science Department at Libyan Academy, Tripoli, Libya. In addition, I supervised several M.Sc. degree students at the Libyan Academy.
- 2012-2013:** **Sabbatical Leave:** I carried out a research in NLP at Neuchâtel University in Switzerland and a paper is published in Proceedings of International Conference on Advances in Computing, Electronics and Communication (ACEC), Zurich, Switzerland .
- 2012:** **Director of** Surman Higher Institute for Multi Vocations, Surman, Libya.  
**Member of** a consulting committee of the European Union (EU) program at the Ministry of Education and Scientific Research – Libya.  
**Member of** an Academic Committee in Computer Science Department at the Academy of Graduate Studies, Tripoli, Libya.  
**Part-time Lecturer** in Computer Science Department at the Academy of Graduate Studies, Tripoli, Libya.  
In addition, I supervised two M.Sc. theses at the Academy of Graduate Studies, Tripoli, Libya.  
Also, I was an internal examiner for a number of M.Sc. Theses at the Academy of Graduate Studies (Tripoli).

- 2009-2011:** **Director of** Surman Higher Institute for Multi Vocations, Surman, Libya.  
**Member of** an Academic Committee in Computer Science Department at the Academy of Graduate Studies, Tripoli, Libya.  
**Part-time Lecturer** in Computer Science Department at the Academy of Graduate Studies, Tripoli, Libya.  
In addition, four M.Sc. degree students at the Academy of Graduate Studies, Tripoli, Libya have finished their Theses under my supervision. Also, I was an internal examiner for a number of M.Sc. Theses at the Academy of Graduate Studies (Tripoli).
- 2006-2009:** **Full-time Lecturer** at Surman Higher Institute for Multi Vocations, Surman, Libya (Taught the following courses: Software Engineering, Data Structures using C++ Programming Language, and Selected Topics in Computer Science: Neural Networks, Decision Trees, Data Compression, Information Retrieval, etc.).  
**Part-time Lecturer** at Faculty of Medicine, Surman, Libya (Taught the following course: Principles of Computers and Problem Solving).  
**Member of** an Academic Committee in Computer Science Department at the Academy of Graduate Studies, Tripoli, Libya.  
**Part-time Lecturer** in Computer Science Department at the Academy of Graduate Studies, Tripoli, Libya (Taught the following courses: Design and Analysis of Computer Algorithms, Seminar: Introduction to Natural Language Processing and Information Retrieval, and Directed Studies: Image Processing and Computer Graphics).  
In addition, more than 10 M.Sc. degree students at the Academy of Graduate Studies, Tripoli, Libya have finished their Theses under my supervision.  
Also, I was an internal and external examiner for a number of M.Sc. Theses at the Academy of Graduate Studies (Tripoli, Benegazi), and Tripoli University.
- 2005 -2006:** **Head of Registration Office** at Surman Higher Institute for Multi Vocations.  
**Full-time Lecturer** at Surman Higher Institute for Multi Vocations, Surman, Libya (Taught the following courses: Data Structures using C Programming Language, Object Oriented Programming using Java Language, and Microsoft Excel). Supervised a number of undergraduate projects at Surman Higher Institute  
**Member of** an Academic Committee in Computer Science Department at the Academy of Graduate Studies, Tripoli, Libya.  
**Part-time Lecturer** in Computer Science Department at the Academy of Graduate Studies, Tripoli, Libya (Taught the following courses: Design and Analysis of Computer Algorithms, Seminar: Introduction to Natural Language Processing and Information Retrieval, and Research Methods).  
In addition, I supervised five M.Sc. theses in Computer Science Department at the Academy of Graduate Studies, Tripoli, Libya.  
Also, I was an internal and external examiner for a number of M.Sc. theses at the Academy of Graduate Studies (Tripoli and Benegazi).

- 2004 -2005: Head of Registration Office** at Surman Higher Institute for Multi Vocations Full-time lecturer at the same Institute (Taught the following courses: Pascal programming language, C Programming Language, Computer Organization, and Digital Circuit Design).  
**Part-time Lecturer** at Faculty of Science, Sabrata, Libya (Taught the following courses: Principles of Computers and Fortran Programming Language).  
**Part-time Lecturer** in the Training Department at the Academy of Graduate Studies, Tripoli, Libya (Basics of Windows XP, Microsoft Word, Microsoft Excel + ICDL).
- 2002-2004: Teaching Assistant** (Natural language Engineering + Information Retrieval) University of Essex, Colchester, Essex, England.
- 1999: Teaching Assistant** (Software Engineering, Pascal Programming Language, and Data Structures) - University of Ottawa, Ottawa, Ontario, Canada.
- 1994-1995: Head of Academic Affairs** Department, Surman Institute for Electrical Studies, Surman, Libya.
- 1991-1995: Part-time Instructor** (Introduction to Computers, Basic Programming Language, and Data Bases) Computer Center, Sabrata, Libya.
- 1991-1994: Full-time Computer Laboratory Instructor.** (Introduction to Computers, Basic Language, Data Bases, Lotus 1 2 3, and Fortran Programming Language) Surman Institute for Electrical Studies, Surman, Libya.

## **Publications:**

- Currently, I am working on two papers and would be soon submitted to one of the well-known computer science international conferences or journals.
- Alabish, Ahmed; **Goweder, Abdelbaset** (2021). "Measurement System and its Suitability for Examining Indoor Millimeter Wave Propagation at (28–33GHz)." submitted to MI-STA2021 (2021 IEEE 1<sup>st</sup> International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering MI-STA).
- Elbekai, Ali; **Goweder, Abdelbaset** (2018). "Migration of RDBs into ORDBs and XML Data."In THE LIBYAN JOURNAL OF SCIENCE (An International Journal)". Volume 21A 2018.
- **Goweder, Abdelbaset** (2016). "Irregular Arabic Plural without Stemming." In Proceedings of CEIT 2016, Hammamet, Tunisia.
- **Goweder, Abdelbaset** (2014). "The Similarity Thesaurus for Expanding Arabic Queries." In Proceedings of ICAT 2014, University of Selcuk, Antalya, Turkey.
- **Goweder, Abdelbaset** et al. (2014). "XMLSchema-Driven Mapping of Architecture Components for Generating New Data." In Proceedings of ICAT 2014, University of Selcuk, Antalya, Turkey.

- **Goweder, Abduelbaset** (2013). "The Pseudo Relevance Feedback for Expanding Arabic Queries." In Proceedings of 6<sup>th</sup> Language and Technology Conference, (LTC), Poznan, Poland.
- **Goweder, Abduelbaset**; et al. (2013). "Arabic Text Categorization using Rocchio Model." In Proceedings of International Conference on Advances in Computing, Electronics and Communication (ACEC), Zurich, Switzerland.
- **Goweder, Abduelbaset**; et al. (2013). "CENTROID-BASED ARABIC CLASSIFIER." In Proceedings of ACIT 2013, Sudan University of Science and Technology, Khartoum, Sudan.
- **Goweder, Abduelbaset**; et al. (2012). "A Universal Lexical Steganography Technique." In Proceedings of The International Conference on Communication and Network Security (ICCNS 2012), University of Wuhan, Wuhan, China.
- **Goweder, Abduelbaset**; and et al. (2010). "Design and Simulation of an Adaptive Intelligent Control System for Direct Current Drive." In Proceedings of The Libyan Arab International Conference on Electrical and Electronic Engineering (LAICEEE2010), University of Tripoli, Tripoli, Libya.
- **Goweder, Abduelbaset**; et al. (2010). "Network Security for QoS Routing Metrics." In Proceedings of ICCCE 2010, The International Islamic University, Kuala Lumpur, Malaysia.
- Elbekai, Ali and **Goweder, Abduelbaset** (2009). "A General Technique for Graduating SQL Schema from XML Schema." In Proceedings of ACIT 2009, University of Science and Technology, Yemen.
- **Goweder, Abduelbaset**; and et al. (2009). "Unsupervised Sentence Boundary Detection Approach for Arabic." In Proceedings of ACIT 2009, University of Science and Technology, Yemen.
- **Goweder, Abduelbaset** (2009). "Automation of University Timetables ميكنة إعداد الجداول الدراسية" In Proceedings of The 3<sup>rd</sup> National Conference on Basic Sciences, University of Gharian, Gharian, Libya.
- **Goweder, Abduelbaset**; et al. (2008). "An Anti-Spam System using Artificial Neural Networks and Genetic Algorithms." In Proceedings of ACIT2008, University of Safax, Safax, Tunisia.
- **Goweder, Abduelbaset**; et al. (2008). "Arabic Broken Plural using a Machine Translation Technique." In Proceedings of ACIT2008, University of Safax, Safax, Tunisia.
- **Goweder, Abduelbaset**; et al. (2008). "A Hybrid Method for Stemming Arabic Text." In Proceedings of ACIT2008, University of Safax, Safax, Tunisia.
- **Goweder, Abduelbaset**; Poesio, Massimo; and De Roeck Anne (2004). "Broken Plural Detection for Arabic Information Retrieval." SIGIR 2004, Sheffield, UK.
- **Goweder, Abduelbaset**; Poesio, Massimo; De Roeck Anne; and Reynolds, Jeff (2004). "Identifying Broken Plurals in Unvowelised Arabic Text." In Proceedings of EMNLP2004, Barcelona, Spain.
- **Goweder, Abduelbaset** and De Roeck, Anne (2001). "Assessment of a Significant Arabic Corpus." In Proceedings of ACL 2001, Toulouse, France.