

Curriculum Vitae - Resume

Full Name: Abduelbaset M. Goweder

Affiliation: Libyan Academy, Tripoli - LIBYA

Academic Rank: Full-time Professor in Computer Science at Libyan Academy

Mobile: +(218) 92-7245512

E-MAIL: goweder@gmail.com

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, NewYork, 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:

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

Work Experience:

- 2017-2025:** **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.
- Elashaal, Zahra and **Goweder, Abdelbaset** (2025). "Arabic Plurals Classification using Transformer." In Proceedings of CEIT 2025, Hammamet, Tunisia. Proceedings Book Series –PBS- Vol 23, pp. 98-106. ISSN: 2961-6611.
- Mansur, Fawzia and **Goweder, Abdelbaset** (2025). "A Survey of Machine Translation Approaches." In Proceedings of CEIT 2025, Hammamet, Tunisia. Proceedings Book Series –PBS- Vol 23, pp. 6-17. ISSN: 2961-6611.
<http://solidstatetechnology.us/index.php/JSST>.
- Dihoum, Basma and **Goweder, Abdelbaset** (2024). "A Survey of Techniques and Challenges in Arabic Named Entity Recognition." In Solid State Technology Journal. Volume 67 No. 1 (2024). Publisher: PennWell Publishing Co. ISSN 0038 – 111X.
<http://solidstatetechnology.us/index.php/JSST>.
- Rzae, Eisha and **Goweder, Abdelbaset** (2024). "Transfer Learning Model for Offline Handwritten Arabic Signature Recognition." In Academy Journal for Basic and Applied Sciences (AJBAS). Volume 6, Issue 3, 2024. DOI:10.5281/zenodo.14625862.
- Habeeb, Fathiyah and **Goweder, Abdelbaset** (2024). "Arabic Speech Recognition using a Combined Deep Learning Model." In Academy Journal for Basic and Applied Sciences (AJBAS). Volume 6, Issue 3, 2024. DOI: 10.5281/zenodo.14553448.

- 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 1st International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering MI-STA).
- Elbekai, Ali and **Goweder, Abdelbaset** (2018). "Migration of RDBs into ORDBs and XML Data." In THE LIBYAN JOURNAL OF SCIENCE (An International Journal)". Volume 21A 2018.
- Shafekh, Ali and **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.
- Elbekai, Ali and **Goweder, Abdelbaset** (2014). "XMLSchema-Driven Mapping of Architecture Components for Generating New Data." In Proceedings of ICAT 2014, University of Selcuk, Antalya, Turkey.
- Gendila, Abdulfatah and **Goweder, Abdelbaset** (2013). "The Pseudo Relevance Feedback for Expanding Arabic Queries." In Proceedings of 6th Language and Technology Conference, (LTC), Poznan, Poland.
- **Goweder, Abdelbaset**; 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, Abdelbaset**; et al. (2013). "CENTROID-BASED ARABIC CLASSIFIER." In Proceedings of ACIT 2013, Sudan University of Science and Technology, Khartoum, Sudan.
- Alabish, Ahmed and **Goweder, Abdelbaset**; (2012). "A Universal Lexical Steganography Technique." In Proceedings of The International Conference on Communication and Network Security (ICCNS 2012), University of Wuhan, Wuhan, China.
- Madi, Ali and **Goweder, Abdelbaset**; (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.
- Amerhag, Ibrahim; **Goweder, Abdelbaset**; and 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, Abdelbaset** (2009). "A General Technique for Graduating SQL Schema from XML Schema." In Proceedings of ACIT 2009, University of Science and Technology, Yemen.
- **Goweder, Abdelbaset**; and et al. (2009). "Unsupervised Sentence Boundary Detection Approach for Arabic." In Proceedings of ACIT 2009, University of Science and Technology, Yemen.
- Almerhag, Ibrahim; **Goweder, Abdelbaset**; and Belgaasem, Abdulhamid (2009). "Automation of University Timetables مكنة إعداد الجداول الدراسية" In Proceedings of The 3rd National Conference on Basic Sciences, University of Gharian, Gharian, Libya.
- **Goweder, Abdelbaset**; et al. (2008). "An Anti-Spam System using Artificial Neural Networks and Genetic Algorithms." In Proceedings of ACIT2008, University of Safax, Safax, Tunisia.

- **Goweder, Abdelbaset**; et al. (2008). "Arabic Broken Plural using a Machine Translation Technique." In Proceedings of ACIT2008, University of Safax, Safax, Tunisia.
- **Goweder, Abdelbaset**; et al. (2008). "A Hybrid Method for Stemming Arabic Text." In Proceedings of ACIT2008, University of Safax, Safax, Tunisia.
- **Goweder, Abdelbaset**; Poesio, Massimo; and De Roeck Anne (2004). "Broken Plural Detection for Arabic Information Retrieval." SIGIR 2004, Sheffield, UK.
- **Goweder, Abdelbaset**; Poesio, Massimo; De Roeck Anne; and Reynolds, Jeff (2004). "Identifying Broken Plurals in Unvowelised Arabic Text." In Proceedings of EMNLP2004, [View article](#).
- **Goweder, Abdelbaset** and De Roeck, Anne (2001). "Assessment of a Significant Arabic Corpus." In Proceedings of ACL 2001, Toulouse, France.