

Curriculum Vitae

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زهرة عبدالله الأشعل

I – PERSONAL INFORMATION

Name:	Zahra Abdalla Elashaal
Nationality:	Libyan.
Qualification:	Master degree M.Sc. in Computer Engineering 2011, From Engineering Faculty, Computer department at University of Tripoli, Tripoli - Libya.
Profession:	Faculty member (Lecturer) in Information Technology (IT) Faculty at University of Tripoli.
Language:	Arabic (Mother language) & English very well.
Address:	Tajura / Tripoli / Libya.
Gender:	Female
Marital Status:	Single
Driving license:	Yes
Countries visited:	Canada, united kingdom UK and Arabic Saudi.
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II – QUALIFICATIONS:

Sept 2021 *IELTS certificate with band 5*

1- Online Certifecats.

31 May 2020 *Structuring Machine Learning Projects.*

Verify at [coursera.org/verify/YBAPCXGSC738](https://www.coursera.org/verify/YBAPCXGSC738).

<https://www.coursera.org/account/accomplishments/records/YBAPCXGSC738>

23 May 2020 *Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization.*

Verify at [coursera.org/verify/577V73NYFD76](https://www.coursera.org/verify/577V73NYFD76)

<https://www.coursera.org/account/accomplishments/records/577V73NYFD76>

- 28 April 2020 ***Neural Networks and Deep Learning.***
Verify at [coursera.org/verify/KKVSTTN6Z3M9](https://www.coursera.org/verify/KKVSTTN6Z3M9)
<https://www.coursera.org/account/accomplishments/records/KKVSTTN6Z3M9>
- 28 April 2020 ***Python Data Structures.***
Verify at [coursera.org/verify/YXGCXB49SGPW](https://www.coursera.org/verify/YXGCXB49SGPW)
<https://www.coursera.org/account/accomplishments/records/YXGCXB49SGPW>
- 11 April 2020 ***Programming for Everybody (Getting Started with Python).***
Verify at [coursera.org/verify/QGYQ6LDKTSE4](https://www.coursera.org/verify/QGYQ6LDKTSE4)
<https://www.coursera.org/account/accomplishments/records/QGYQ6LDKTSE4>

2- Publishing papers.

- January 2019 ***The optimal employment of information technology in higher Education in Libya Challenges and solutions.***
at International Science and Technology Journal ISTJ, Volume 16.
- 15 May 2017 ***Managing Power Consumption for IEEE802.15.4 HealthNets***
at the 1st Conference of Industrial Technology, at The College of Industrial Technology, Misuratau –Libya, CODE: 10-009

3- Teaching.

- 2021 – 2022 Voluntarily teaching in some schools and centers for Arabic language and Computer skills.
- 2/2020 – 3/2020 Certificate of attendance for a course of ***Teaching Knowledge Test (TKT)***.
at: New horizon center.

4- Network Fundamentals.

- 2016 Certificate of ***Network Fundamentals*** (98-366: MAT). (Grade 80%).
From: Microsoft Technology Associate.

5- CCNA Instructor.

- 2015 Certificate of course completion in ***CCNA*** Routing and Switching: Introduction to Networks. (79%).
From: Cisco Networking Academy.

6- The Master degree.

- 2007-2011 Master degree M.Sc. in Computer Engineering from Tripoli (Al-Fateh before) University, Faculty of Engineering, Computer Engineering Department, Tripoli / Libya. (Grade B⁺). With the thesis titled "***Optimal power consumption for IEEE 802.15.4/ZigBee HealthNet***".

7- The B.Sc. degree.

- 1996/1997 Bachelor degree B.Sc. in Computer Engineering from Tripoli University, Faculty of Engineering, Computer Engineering Department, Libya, (pass

Grade, 63.27%). Bachelor title: “*Control of Greenhouses using the computer*”

III – WORK EXPERIENCE:

- **As Trainer and University Teacher**

2021/2022: Voluntarily cooperated with the Sheikh Ali Al-Ghariani Book Center and Bel Alshher school to give free courses in Arabic language and computer basics to children of different ages from first to sixth grade.

11/2018 – up to date: Faculty member (Lecturer) at the Faculty of Information Technology - University of Tripoli.

3/2019 – 3/2020: Head of Internet Technology Department, Faculty of Information Technology – University of Tripoli.

2016 – 10/2018: Faculty member (Lecturer) at the Faculty of Education, at the University of Tripoli.

2015 – up to date: Supervising some projects of graduate students to obtain a bachelor's degree.

2015 – 2016 Responsible on IT department in Research, Consulting and Training Center at Tripoli University.

2013 – 2015 Work as Chief of Networks department in Information and Documentation Centre at Tripoli University.

2012 – 2019 Teaching in Tripoli University in Information Technology Faculty and Education Faculty for the following subjects:

- | | |
|-------------------------------|-------------------------------------|
| - Network Simulator NS2 | - Computer Architecture and design. |
| - Data Structure | - Information technology. |
| - C/C++ programming languages | - Computer Graphics |
| - Digital system and Design | - Basics of programming. |
| - Introduction to Networks. | - Wide area network (WAN). |

2012 – 2013 Work as Training Manger in the International Training and Consultancy Center ITCC and Trainer for the following courses:

- | | |
|-------------------|---------------|
| - CCNA instructor | - Office 2010 |
| - ICDL v5 | - HTML |

- **Programming Skills.**

- Programming with *Python*.
- Networks and Design Programming: *Network Simulator (NS2)*.

- Statistical and mathematical software: **Math lab, Minitab, SPSS.**
- Programming with **C++, FORTRAN, C and C#** languages.
- Hardware: **PLC, and Microcontroller.**

• **Networking.**

- 2013 – 2015 - Work as Chief of Networks department in Information and Documentation Centre at Tripoli University.
- 2005 - (By return to Cisco, Huawei and ZTE companies) we made a proposal and RFP for "integrated computer network" to the GPTC Company, and it accepted from Cisco Company.
- 1998 - 2001 - Applied Novell and Windows-NT networks in GPTC Company.

• **Maintenance.**

- 2007- 2009 - Working in GPTC Company at the billing department in technical support.
- 2005 - 2006 - Working in GPTC company at computer department (in the internet unit) to propose for Internet and Intranet networks.
- 2004 - Working at Libyana Company in selling department.
- 1999 - 2003 - Working in a computer and information department at GPTC Company, in repairing computer problems [Software & Hardware].

IV- TRAINING:

A- In computer Field:

- 22/2/2016 - Certificate in **Network Fundamentals** (98-366: MAT). (Grade 80%).
- 2015 - Certificate in **CCNA** instructor.
- 25/3/2013- 1/4/2013 - Certificate of complete a course in **Oracle Solaris 10 Operating System Essentials**. For (35) hours. From: International Training & Consultancy Center (ITCC).
- 2012 - Certificate in **ICDL v5 International Computer Driving License** (exam in English language).
- 2007- 2011 - **Master degree M.Sc.** "Grade; B⁺".
- 3/3/2010 - Certificate in **ICDL v4 International Computer Driving License** with exam in English language
- 7-8/11/2007 - Certificate of Attendance in **IT Security Awareness** work shop. From: HoneyTech & ADALIL Telecom and IT Technology in Tripoli - Libya.
- 1/10/2005 - 19/1/2006 - Course of "**SQL Server 2000**" (grade; very good).
- 18/8/2001 - 30/8/2001 - Course of "**Auto CAD 2000**".
- 24/6/2000 - 29/6/2000 - Course of "**Fundamental of optical fiber**".
- 26/2/2000 - 9/3/2000 - Course of "**Fundamental of Unix system**".
- 14/12/1999 - 26/12/1999 - Course of "**Windows NT system**".

B- In English Language:

- 2014 - **TOEFL** preparation Course at University of Windsor – Canada.
- 2010 - Certificate of **CEF level A2**, (grade: A), from the Libyan English Teaching in Universities Project (LETUP).
- Aug. 2008 - Certificate of "*Test of English as a Foreign Language*" (**TOEFL**), (grade: 450).
- February 2005 - Certificate of "*Test of English for International Communication*" (**TOEIC**), (grade: 470).
- March 2003 - Certificate of "*Preliminary English Test*" (**P.E.T**) (grade; Pass).
- 22/12/2001 - - Certificate of "*Advanced Level in English Language*" (grade; B+) Jawabi Tech and Training school.
- 20/3/2002 - - Certificate of "*Pre-intermediate Level in English Language*" (grade: B+) Jawabi Tech and Training school.
- 6/1/2001 - 6/4/2001 - - Certificate of "*Pre-intermediate Level in English Language*" (grade: B+) Jawabi Tech and Training school.

V- OTHER FIELDS and ACTIVATES:

- 30/5/2016 - 2/6/2016 - Certificate of Attendances a course in "*Potentiality of University Teaching Management*" (PUTM). For (16) hours. From Research, Consulting and Training Center at Tripoli University.
- 4/6/2016 - Awarded the honor certificate for obtaining a master's at the rate 3.13 from the Faculty of Engineering at the University of Tripoli.
- 4/2/2016 - Awarded a certificate of thanks and appreciation for the contribution to the provision of the training program (correspondence, reports preparation). From Research, Consulting and Training Center at Tripoli University.
- 2015 - Awarded a certificate of thanks and appreciation to the project management of the team for the installation of a local area network and connected it to the Internet, at the Department of Food Science and Technology Faculty of Agriculture. Granted from the Department of Food Science and Technology Faculty of Agriculture at the University of Tripoli.
- 6-7/12/2015 - Certificate of Attendances a training course in "*Time Management*". For a (6) hours. From Research, Consulting and Training Center at Tripoli University.
- 13-15/12/2015 - Certificate of Attendances a training course in "*Quality Management*". For a (9) hours. From Research, Consulting and Training Center at Tripoli University.
- 20-22/12/2015 - Certificate of Attendances a training course in "*Development of Management Skills*". For a (9) hours. From Research, Consulting and Training Center at Tripoli University.

VI- INTERESTS:

Traveling, Drawing, Cycling and Swimming.