

Curriculum Vitae (CV)

IDENTITY



Name: SHADI I. ABUDALFA
Date of Birth: September 15, 1980
Nationality: Palestinian
Place of Birth: Libya
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PROFESSIONAL SUMMARY

Shadi Abudalfa received the BSc and MSc degrees both in Computer Engineering from the Islamic University of Gaza (IUG), Palestine in 2003 and 2010 respectively. He completed his PhD program in Computer Science and Engineering at King Fahd University of Petroleum & Minerals (KFUPM), Kingdom of Saudi Arabia in 2018. Abudalfa has a strong teaching and research experience. He is an assistant professor at the University Collage of Applied Sciences (UCAS), Palestine. From July 2003 to August 2004, he worked as a research assistant at Projects and Research Lab in IUG. During same period, he also worked as a teaching assistant at Faculty of Engineering in IUG. Abudalfa has served as reviewer in numerous international conferences and journals. He is a member of IEEE and his current research interests include artificial intelligence, data mining, pattern recognition, machine learning, and sentiment analysis.

EDUCATION

17/05/2018 King Fahd University of Petroleum & Minerals, Saudi Arabia
Ph.D.in Computer Science and Engineering
CGPA 3.639/4.00

21/09/2010 The Islamic University of Gaza, Palestine
MSc in Computer Engineering
CGPA 83.60%

21/06/2003 The Islamic University of Gaza, Palestine
BSc in Computer Engineering
CGPA 86.03%

THESES / DISSERTATIONS:

“Open Domain Targeted Sentiment Polarity Detection for Micro-blogs in Social Media”, PhD Dissertation, King Fahd University of Petroleum & Minerals, Kingdom of Saudi Arabia, 2018.

“Metaheuristic Clustering Algorithm”, MSc Thesis, Islamic University of Gaza, Palestine, 2010.

AREAS OF INTEREST

Artificial Intelligence, Data Mining, Data Clustering, Sentiment Analysis, Computer Vision, Digital Image Processing, Security and Cryptography

PUBLICATIONS

- ◆ 11 Journal Papers (5 publications in ISI journals)
- ◆ 3 Conference Papers and 1 Book

CONFERENCE AND SEMINAR PRESENTATIONS

- ◆ 23/04/2018 Smart Cities Symposium, University of Bahrain, Bahrain
Deep Learning for Target-Dependent Sentiment Classification in Social Media

- ◆ 9/09/2017 The 9th IEEE-GCC conference, Kingdom of Bahrain
Survey on Target Dependent Sentiment Analysis of Micro-Blogs in Social Media

- ◆ 11/04/2016 7th Annual KFUPM Students Scientific Forum, Saudi Arabia
Seismic Image Segmentation for Detecting Salt Bodies using k-means clustering

SCHOLARSHIPS AND MEMBERSHIPS

- ◆ Full-time PhD scholarship at King Fahd University of Petroleum & Minerals, Saudi Arabia.
- ◆ IEEE member.
- ◆ Technical Program Committee member (reviewer) for international conferences and journals:
 - Journal of Recent Patents on Computer Science, Bentham Science.
 - International Journal of Computing and Digital Systems.
 - Arabian Journal for Science and Engineering.
 - The 3rd International Conference on Computer Systems and Communication Technology, 26-27 March, 2020, Guangzhou, China.
 - 5th International Conference on Fuzzy Systems and Data Mining 18-21 Oct. 2019, Japan.
 - International Conference on Innovation and Intelligence for Informatics, Computing, and Technologies, 22-23 September 2019, Manama, Bahrain.
 - Smart Cities Symposium, 24-26 March 2019, University of Bahrain, Bahrain.
 - The 6th International Workshop on Mobile Applications, 26-28 Aug 2019, Turkey.
 - Inter. Sym. on Cloud Computing and Cyber-Security, 15-17 Aug 2018, United Kingdom.
 - The Sustainability and Resilience Conference, 13-14 May 2018, Bahrain.
 - International Conference on Innovation and Intelligence for Informatics, Computing, and Technologies, 18-20 November 2018, Manama, Bahrain.
 - IEEE 2nd BORNEO Inter. Conf. on Applied Mathematics and Engineering, 10-11 December 2018, Balikpapan, Indonesia.
 - Inter. Conf. on Enhanced Research & Industrial App., 17-18 Oct. 2018, Indonesia.
 - 2nd IEEE Middle East & North Africa COMMunications Conf. 19-21 Nov 2019, Bahrain.
 - International Conf. on Innovative Applied Energy, 14-15 Mar, 2019, United Kingdom.

LANGUAGES

Native Arabic speaker.
Highly proficient in spoken and written English.

TEACHING EXPERIENCE:

5/02/2005 – Present (on vacation during 2013-2018 for studying PhD)
The University Collage of Applied Sciences (UCAS)
Current Academic Rank: *Assistant Professor (Full Time Job)*

- ◆ Instructor at Information Technology Department.
- ◆ Teaching numerous courses for male and female Bachelor's and Diploma's students.

01/02/2004 – 01/08/2004

The Islamic University of Gaza (IUG)
Teaching Assistant (*Part Time Job*)

- ◆ Teaching some courses at the Computer Engineering Department:

❖ **Workshops and Training Courses Delivered:**

- ◆ 11 workshops delivered in Kingdom of Saudi Arabia
- ◆ 5 training courses delivered in Palestine

RESEARCH EXPERIENCE:

01/07/2003 – 01/08/2004

The Projects and Research Lab (PRL) of Engineering Faculty at Islamic University of Gaza
Research Assistant (Part Time Job)

- ◆ Supervising & participating in implementation of several projects.
- ◆ Supervisor of the Programming Unit.
- ◆ Developing several labs at Faculty Engineering.

ADMINISTRATIVE AND TECHNICAL EXPERIENCE:

22/10/2013 – 3/5/2018

King Fahd University of Petroleum & Minerals, Saudi Arabia

Numerous Part Time Jobs:

- ◆ Grader at Information & Computer Science Department.
- ◆ Web Developer at Computer Engineering Department.
- ◆ Academic Administrative Assistant at Deanship of Academic Development.
- ◆ Administrative Assistant at Deanship of Student Affairs.

01/07/2003 –01/08/2004

Deanery of Admission and Registration at the IUG, Palestine

Computer Programmer (Part Time Job)

- ◆ Developing the Photo Maker System and the Cards Issuance System.

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- ◆ Director of UCAS Oracle Academy
 - ◆ Undergraduate Program Coordinator at UCAS
 - ◆ Member of Central Committee of Examinations at UCAS
 - ◆ Member of committees for employment interviews at UCAS
 - ◆ Developing undergraduate and diploma programs at UCAS

COMPUTER SKILLS

- ◆ **Programming Languages:** C, C++, C#, Java, Assembly.
- ◆ **Operation Systems:** MS-DOS, Linux, Windows, MeeGoHarmattan.
- ◆ **Database Programming:** MS SQL Server 2000, SQL, PL/SQL, Oracle.
- ◆ **Web Design & Development:** MS FrontPage 2003, ASP, ASP.NET, PHP.
- ◆ **Hardware:** Orcad, PLC & Microcontrollers PIC and ATMEL.
- ◆ **Software Backups & Tools:** Sound Forge, Adobe Photoshope, Flash, CorelDraw.

PROJECTS AND TRAINING COURSES

- ◆ 4 project have been conducted for IUG
- ◆ 4 projects have been conducted for UCAS
- ◆ 1 project has been conducted for Engineering & Management Consulting Center (EMCC)
- ◆ Attended 14 training courses