EMAN ALAJRAMI

PhD student- UWL

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📍 Gaza, Palestine

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Personal Profile

I consider myself a hardworking person, self-motivated, committed and organized. I have **CIAgile** Certified Professional and **OCP**, and I have been working in the **academic fields** related to computer science for more than ten years. I have a significant commitment to keep learning and developing my professional skills. I'm also very good at working as part of a team and individually. I enjoy solving challenging research problems. I have good knowledge and skills in Information Retrieval and a good background in AI, Machine Learning, and deep learning. In addition, I have an excellent understanding of **UML and Object-Oriented Modeling.**

Skills

Development Skills

C, C++, JAVA, & Python

UML Modelling and Design

HTML, CSS, JavaScript & Php

Iterative Prototyping

Quality Assurance

Usability Testing

Accessibility, Inclusive Design

Employment History

09/2017 – 01/2021   Head of Multimedia Department
                        Faculty of IT, the University of Palestine – Gaza, Palestine

Job responsibilities: Providing academic leadership for staff, taking responsibility for helping to determine the strategic direction of the department. And also developing the process of teaching and learning. In addition, creating and fostering relationships with appropriate external agencies for promotion and marketing purposes.

09/2009 – Current	**Computing Lecturer (Full Time)**
	Faculty of IT, the University of Palestine – Gaza, Palestine

Job responsibilities: Teaching computer science modules for undergraduate students at the faculty of IT. Courses I taught are: Object Oriented Programming, Data Structures and Algorithms analysis, Information Retrieval, Information Security, Databases in SQL and OEACLE, System Analysis and Design and Software Engineering.

09/2009 – Current	**Computing Lecturer (Part Time)**
	Faculty of IT, Alquds Open University, Gaza -Palestine

Job responsibilities: Teaching computer science modules for undergraduate students at the faculty of IT. Courses I taught are: Object Oriented Programming, Data Structures and Algorithms analysis, Visual Programming and Office Automation.

09/2010 – 06/2012	**Computing Lecturer (Part Time)**
	Faculty of IT, Gaza University, Gaza -Palestine

Job responsibilities: Teaching computer science modules for undergraduate students. Courses I taught are Programming, Data Structures, System Analysis and Design.

01/2008– 09/2008	**Web Administrator and Content Manager**
	The Palestinian International Campaign to End Gaza Siege, Gaza, Palestine

Job responsibilities: Managing and updating of the web contents, Web design using Adobe Photoshop, PHP web programming, Report writing using Microsoft office applications.

10/2002– 07/2005	**Teaching Assistant**
	The Islamic University of Gaza, Gaza, Palestine

Job responsibilities Courses I tough: Lab section for programming, Data Structure, Operating Systems, Computer Graphics, Introduction to computer science.

Education

2010 – 2012	**B.Eng: Software Engineering (GPA: 95.29%)**
	University of Palestine, Palestine

Graduated in Top 2% of Class- I was the Top-ranked student.
Received a scholarship of Excellence from the university

Modules attended: Requirement Engineering, Introduction to Software Engineering, Software Testing, Programming, Human-Computer Interaction, Neural Networks, Software Project management, Formal methods, Software Quality Assurance.

Graduation Project: "Designing and developing an Intelligent Tutoring System to teach OOP" with a team of four students.

2005 – 2007   MSc. Computer Information Systems (GPA: 94.8%)
Arab Academy for Banking & Financial Sciences – Jordan

Graduated in Top 2% of Class - I was the Top raTop-rankednked student

Recipient of the President Scholarship for Excellence 50% discount of tuition fees.

Coursework in Advanced Databases, Information Retrieval, Advanced Networking, Advanced AI, Advanced Multimedia, Information Systems Management, Advanced Software Engineering, Advanced Operating Systems, and Information Systems Security.

Thesis: "Hiding text into the greyscale image using steganography and cryptography principles".

1998 – 2002   BSc. Computer Science (GPA: 85.22%)
The Islamic University of Gaza – Palestine

Graduated in Top 2% of Class

Coursework in Math, OOP, AI, Statistics & Probability, Data Structures, Software Engineering, Computer Graphics, Operating Systems, Discrete Compilers Design Math, Distributed Systems, Databases, and Automata Theory.

Graduation Project: "C code Generator", a software that converts any flowchart to a c code generated as a text file using visual C++

List of Publications

2019   Eman Alajrami, Belal A.M. Alashqar, Bassem S. Abu-Nasser, Ahmed J. Khalil, Musleh M.Musleh, Alaa M. Barhoom & S. S. Abu Naser, "**Handwritten Signature Verification using Deep Learning**", *(IJAMR)*, Vol. 3 Issue 12, December – 2019, Pages: 39-44

2019   Eman Alajrami, Bassem S. Abu-Nasser, Ahmed J. Khalil, Musleh M. Musleh, Alaa M. Barhoom & S. S. Abu Naser, "**Blood Donation Prediction using Artificial Neural Network**", 2019 - *International Journal of Academic Engineering Research (IJAER)* 3 (10):1-7

2019   Alaa M. Barhoom, Samy S. Abu-Naser, Bassem S. Abu-Naser, Ahmed J. Khalil, Msleh H. Musleh, Eman Alajrami, "**Predicting Liver Patients using Artificial Neural Network**", 2019, (IJAISR) 3 (10):1-11

2019   Eman Alajrami, Hani Tabash, Yassir Singer, M.-T. El Astal, "**On using AI-based human identification in improving surveillance system efficiency**", a conference paper published in ICPET 2019, IEEE, 23th-24th October 2019.

2017   Mohammed Awad, Hisham Khdair, Eman Alajrami, Mohammed Manahi, "**Selective Software Project Management Methodology**", International Journal of Software & Hardware Research in Engineering, volume 5

2015   Samy Abu Naser, Ihab Zaqout, Mahmoud Abu Ghosh, Rasha Atallah and Eman Alajrami, "**Predicting Student Performance Using Artificial Neural Network: in the Faculty of Engineering and Information Technology**", International Journal of Hybrid Information Technology,8(2) ,221-228. (ISI Cited Publication)

2014   Elajrami E., AbuLamddi M. , "**Comparison between Vector Space Model and Fuzzy Set Model Retrieval for Arabic Collection**",June 2014, IJRIM, volume4

Certifications

03-2015   Agile Certified Professional (CIAgile)

09-2004   Oracle Certified Professional (OCP)

Workshops & Conferences

10-2019   Participation in the **"International Conference on Promising Electronic Technologies (ICPET)", IEEE,** organized by Palestine Technical College Deir El-Balah and Al-Azhar University – Gaza.

04-2013   Attending: The 4th Scientific Day "***Future Technology: Revolution, Applications, Privacy & Protection",*** conducted on the 9th of Apr. 2013 by the faculty of Information Technology at The University of Palestine, Gaza-Palestine.

04-2012   Member of the Preparation committee for the 3rd Scientific Day "***Mobile Technology",*** conducted on the 28th of Apr. 2012 by the faculty of Information Technology at The University of Palestine, Gaza-Palestine.

12-2008   **Participant:** ***"How to Choose a Major",*** participation on the First Scientific Day: "**IT Theory & Practices**", held at the university of Palestine

Training Courses

07/2019   50 hours training course in "***Data Science with Python***" at University of Palestine organize and sposored by iBridge and QIF from June 2019 to August 2019.

06/2017   40 hours training course in "***Training Of Trainers (TOT) in Freelancing***" at Mercy Corps institute from Jul 2017 to Sep 2017.

02/2015	40 hours training course in **"*Agile Certified Professional*"** at Mercy Corps institute from Feb 2015 to Apr 2015.
06/2014	40 hours training course in "***Soft Skills in Academic plan***" at Mercy Corps institute from Jul 2014 to August 2014.
10/2013	60 hours training course in "***Preparation for Master and PhD scholarship***" including 40 hour for **IELTS** from 10/2013 to 12/2013 at Islamic University of Gaza.
03/2011	200 hours training course in **"*Palestinian Faculty Development Program (PFDP) English course*"** including 40 hours for **TOEFL** at AMIDEAST from 1/3/2010 to 1/3/2011.
05/2010	40 hours training course in ***ASP.NET Web Development: C# .NET Programming.***
02/2005	40 hours training course in "***Linux Operating System (redhat 9)*"** From 6/1/2005 to 17/2/2005 Held at The Future Training Center.
06/2003	120 hours training course in "***Oracle Certified Professional (OCP)*"** from Jan 2003 to Jun 2003, held at Computer Land Center.

References

Dr. Rawia F. Radi	**Eng. Ahmed I. Alastal**	**Dr. Iyad M. Alagha**
Assistant Professor	**Salesforce Technical Architect**	**Associate Professor**
Dean of the Faculty of Information Technology	London Bluewolf- an IBM conpany	Head of Mobile Computing Department
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