Moamin B. Abughazala

📍 Nablus, Palestine

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Sex Male | Date of birth 21/07/1985 | Nationality Palestinian

PERSONAL STATEMENT

I would like to pursue my career in a work environment that will utilize and reinforce my technical skills and abilities and also to apply and gain new cutting edge skills and experience in a rapidly changing field.

RESEARCH INTERESTS

Internet Of Things IOT
Software Engineering
Software Testing

CURRENT POSITIONS

2014 - Now **Software Testing Engineer**

Exalt Technologies (Outsourcing to Cisco Systems), Ramallah, Palestine.

Working area: Automation testing (Rest API testing, UI Testing), Manual Testing, and Technical Lead.

Part Time **Instructor**

An Najah National University, Nablus, Palestine.

Teaching Bachelor students

RESEARCH EXPERIANCES

Jan 2017 - Now **Ccollaborator** with Full Prof. Henry Muccini and Mohamad Sharaf. Phd, Research Areas: Software Engineering, Cyber-physical systems and code generation.

Part Time **Lecturer**, Department of Computer Science at An Najah National University. Activities: instructor of "Software Quality Assurance", "Network Programming" and "Object Oriented Analysis and Design" courses for bachelor students

EDUCATION

Sep 2008 – Sep 2009 **Master Degree in Information Technology,** Faculty of Engineering and Natural Science of Sabanci University, Istanbul - Turkey,
Score: 3.35 / 4
Project: Simple Mail Client.
Supervisor: Prof. H Sait Olmez.

Sep 2003 – Jun 2007 **Bachelor Degree in Computer Information System**, Faculty of Engineering and Information Technology of An Najah National University, Nablus - Palestine
Score: 82.7 / 100.

Sep 2002 – Jul 2003 **Tawjihi (High-school degree), scientific stream**, 78.1 / 100, Nablus – Palestine.

PAST WORK EXPERIENCES

2012 – 2014

Senior Software Engineer

Progineer Technologies (Outsourcing to PDF Solutions)

Business sector: Software Engineering
Main responsibilities: testing and developments.
dataPOWER® VSF is a powerful yield analysis solution for IC producers featuring an intuitive interface, strong visualization capabilities and the ability to handle large data volumes. dataPOWER® VSF is the result of a strategic alliance with TIBCO Software Inc., integrating TIBCO's Spotfire® analytics platform with PDF Solutions' dataPOWER® database, mapping and analysis capabilities.

Jan 2011 – Jun 2011

Lecturer, Department of Computer Science at Al Quds Open University.
Activities: instructor of "Data structure and Algorithms" course for bachelor students.

2010 – 2012

Freelance

Business sector: Web and Windows applications

Provided services: Design and Development of Windows and Web Applications

Handled Projects: Billing System for ISP, Web and Windows application that deals with two kinds of payments (Pre-paid and Post-paid), give web services to other system like e-payment and CRM system. This system has been implemented as a J2EE web application using following technologies, Java, JSF(Rich Faces), MySQL, Eclipse and Restful web service.

2007 – 2008

Developer

Super Link Communication Co.

Business sector: information technologies and communication
Main responsibilities: design, development, and testing, Bulk SMS, the system has been implemented as .net web application using following technologies: C#, ADO, ASP, Sql-server database.

Publications

Submitted to ECSA 2018

ArIA: Arduino Code Generation Based on the CAPS, Mohamad Sharaf, Moamin Abughazala, Henry Muccini.
Arduino Realization of CAPS IoT Architecture Descriptions, Mohamad Sharaf, Moamin Abughazala, Henry Muccini.

[1] Moamin Abughazala, Mohammad Sharaf, Henry Muccini, Mai Abusair. An Architecture Framework for Modelling and Simulation of Situational-Aware Cyber-Physical Systems. accepted at ECSA 2017
[2] Moamin Abughazala, Mohammad Sharaf, Henry Muccini, Mai Abusair. CAPSim: Simulation and Code Generation based on the CAPS, accepted at ECSA 2017
[3] Moamin Abughazala, Mohammad Sharaf, Henry Muccini, Mai Abusair. Simulating Architectures of Situational-Aware Cyber-Physical Space, accepted at ECSA 2017
[4] Henry Muccini, Mohammad Sharaf, CAPS: A Tool for Architecting Situational-Aware Cyber-Physical Systems. Acknowledgement.

SEMINARS & PRESENTATIONS

Jan 2018	Trainer: Backend Developer Tanning Course, Iba' Training Center.
Jul 2012	"Ajax Seminar", at the department of Computer Science, Engineering and Information Technologies, An Najah University, Palestine.
April 2014	Unit Testing, at the department of Computer Science, Engineering and Information Technologies, An Najah University, Palestine.
Nov 2014	Unit Testing, at the department of Computer Science, Engineering and Information Technologies, An Najah University, Palestine.
Nov 2016	Unit Testing, at the department of Computer Science, Engineering and Information Technologies, Al Kadori University, Palestine.

TEACHING

2011, 2012	Network Programming, An Najah National University, Palestine, 40 students, BSc level (full course,48h)
2011, 2012	Algorithms, An Najah National University, Palestine, 40 students, BSc level (full course,48h)
2011	Database System, An Najah National University, Palestine, 45 students, BSc level (full course,48h)
2011, 2012	Computer Graphics, An Najah National University, Palestine, 40 students, BSc level (full course,48h)
2012	DataStructure, Al-Quds Open University, Palestine

SCOLARSHIP & GRANTS

2008 - 2009	Erasmus Mundus, to get master degree from Sabanci University, Turkey.
2004	An Najah University grants for student with high grades.

EXAMS & CERTIFICATES

April 2009	GRE(Graduate Record Examination) Quantitative : 700 / 800
December 2008	ELAE (English Exam), from Sabanci University

TRAINING COURSES

Jan 2018	Backend Developer Course, at Ibda' Training Center.
June 2012	J2EE, at An Najah National University
June 2012	J2SE, at An Najah National University
	Ajax workshop, at An Najah National University

TECHNICAL SKILLS

Technologies, J2EE (Servlet, JSP, MVC, JSF, JPA), J2SE, Maven, ASP.NET.
Programming Languages, Java, C#, C/C++, PHP, Python, HTML, XML, JavaScript, CSS
Databases, MYSQL, MS-SQL Server 2005/2008, Oracle
IDE, Eclipse, NetBean, VS 2005/2008/2010.
Testing, TestNG, Unit Testing, TDD, API Testing, Rest testing
Web services, RestFul, SOAP
Arduino