

## Curriculum Vitae

### 1. Personal Information

**Name** : Samer Fakher Sawalha  
**Nationality** : Jordanian  
**Gender** : Male  
**Date of Birth** : 18/6/1986  
**Place of Birth** : Amman-Jordan  
**Marital Status** : Married

**Permanent Address** : Al-Jubaiha  
 Amman-Jordan  
 E-mail : [s.sawalha@psut.edu.jo](mailto:s.sawalha@psut.edu.jo)



**Language** : Arabic is my native language

Language	Language Skills			
	Reading	Writing	Speaking	Listening
<b>Arabic</b>	Fluent	Fluent	Fluent	Fluent
<b>English</b>	Fluent	Fluent	Fluent	Fluent

- ✓ Got 500 in TOEFL Exam
- ✓ Got 81 in National English Exam

### 2. Education

Degree	Specialization	School / University	Duration		Grade	Honor
			From	To		
<b>Doctor of Philosophy (Ph.D.)</b>	<b>Computer Science</b>	<b>Princess Sumaya University for Technology (PSUT)</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 535 6798 Fax : (962 6) 534 7295	2017	2022	Excellent	
<b>Master Degree in Science (M.Sc.)</b>	<b>Computer Science</b>	<b>Princess Sumaya University for Technology (PSUT)</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 535 6798 Fax : (962 6) 534 7295	2011	2013	Excellent	All the Semesters
<b>Bachelor Degree in Science (B.Sc.)</b>	<b>Computer Science</b>	<b>Princess Sumaya University for Technology (PSUT)</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 535 6798 Fax : (962 6) 534 7295	2004	2008	Very Good	Summer Semester 2005
						Summer Semester 2006
						First Semester 2007
						Second Semester 2008
<b>General Secondary Education "Tawjihi"</b>	<b>Scientific Stream</b>	<b>Al-Jamiah Secondary School</b> AL-Jubieha, Amman- Jordan Telephone : (962 6) 534 1818	1992	2004	---	

- ✓ Ph.D. dissertation title: "Towards a High-Speed Big Data Analytics Framework for IoT"
- ✓ Master thesis title: "Blank Background Image Compression and Storage"
- ✓ Graduation project title: "PSUT E-Learning Website"

### 3. Publications

Paper	Impact Factor	ISI	Scopus	Status
Samer Sawalha, Ghazi Al-Naymat (2022), Towards an Efficient Big Data Management Schema for IoT. <b>Journal of King Saud University - Computer and Information Sciences.</b>	13.47	✓	Q1	Published
Samer Sawalha, Ghazi Al-Naymat, Arafat Awajan (2021), Selective Windows Autoregressive Model for Temporal IoT Forecasting. In: Arai K. (eds) Intelligent Systems and Applications. IntelliSys 2021. <b>Lecture Notes in Networks and Systems</b> , Vol 295. Springer, Cham. Doi: 10.1007/978-3-030-82196-8_48	0.57	---	Q4	Published
Samer Sawalha and Ghazi Al-Naymat (2021), Internet of things data compression based on successive data grouping. <b>Turkish Journal of Electrical Engineering &amp; Computer Sciences</b> , Vol. 29 No 1. Doi: 10.3906/elk-2003-114.	0.806	✓	Q3	Published
Samer Sawalha and Arafat Awajan (2021), Recent News Recommender Using Browser's History. In: Arai K., Kapoor S., Bhatia R. (eds) Intelligent Systems and Applications. IntelliSys 2020. <b>Advances in Intelligent Systems and Computing</b> , Vol 1251. Springer, Cham. Doi: 10.1007/978-3-030-55187-2_22	0.63	---	Q2	Published
Samar Alsaqqa, Samer Sawalha, Hiba Abdel-Nabi (2020), Agile Software Development: Methodologies and Trends. <b>International Journal of Interactive Mobile Technologies (IJIM)</b> , Vol. 14 No.11	2.24	---	Q3	Published
Samer Sawalha and Arafat Awajan (2014), Blank Background Image Lossless Compression Technique. <b>International Journal of Image Processing (IJIP)</b> , Vol. 8 No. 1.	6.965	---	---	Published

### 4. Taught Courses

- Theory of Computation
- Database Systems
- Object Oriented Programming
- Structured Programming
- Introduction to Computer Science
- Multimedia Systems

### 5. Certificates

**Professional Data Science Certificate** achieved on 1 May 2018 from Microsoft Corporation  
**Data Analysis with Python Certificate** achieved on 9 Nov 2021 from IBM Corporation

## 6. Career Summary

Organization	Duration		Job Title
	From	To	
<b>Princess Sumaya University for Technology</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 535 6798	Sept 17 <sup>th</sup> , 2023	Present	Assistant Professor
<b>Princess Sumaya University for Technology</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 535 6798	Oct 2 <sup>nd</sup> , 2022	Sept 17 <sup>th</sup> , 2023	Lecturer
<b>Royal Scientific Society</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 534 4701	Mar 1 <sup>st</sup> , 2015	Sept 17 <sup>th</sup> , 2023	Senior Software Developer
<b>Princess Sumaya University for Technology</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 535 6798	Feb 27 <sup>th</sup> , 2021	Jun 27 <sup>th</sup> , 2021	Lecturer
<b>Royal Scientific Society</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 534 4701	Jan 1 <sup>st</sup> , 2012	Mar 1 <sup>st</sup> , 2015	Senior Programmer
<b>ESCWA Technology Centre (UN)</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 534 3346	Mar 5 <sup>th</sup> , 2012	Sept 1 <sup>st</sup> , 2012	IT Officer
<b>Royal Scientific Society</b> Al-Jubaiha, Amman- Jordan Telephone : (962 6) 534 4701	Jul 13 <sup>th</sup> , 2008	Jan 1 <sup>st</sup> , 2012	Programmer

## 7. Training Courses

Institution	Duration	Title
<b>Royal Scientific Society</b>	Jun 4th, 2023 - Jul 13th, 2023	Project Management Professional (PMP)
<b>Coursera</b>	Dec 15th, 2022 - Dec 21th, 2022	Data Science – Data Visualization Using Python
<b>Coursera</b>	Nov 6th, 2021 - Nov 9th, 2021	Data Analysis With Python
<b>EDX</b>	Nov 10th, 2019 – Dec 30th, 2019	Power BI
<b>Microsoft</b>	Feb 1st, 2018 – May 1st, 2018	Microsoft Professional Program Data Science track
<b>New Horizons</b>	May 14th, 2017 – Jun 8th, 2017	.Net MVC Core
<b>Superiors</b>	April 9th, 2017 – May 11th, 2017	Android Apps Development
<b>New Horizons</b>	July 24th, 2016 – Aug 4th, 2016	SQL 2012 Tools and Techniques
<b>New Horizons</b>	May 20th, 2015 - Jun 4th, 2015	MVC 4
<b>Microsoft Innovation Center</b>	Apr 27th, 2010 – Apr 28th, 2010	Windows 7 Deployment Workshop
<b>Royal Scientific Society</b>	Aug 10th, 2009 - Aug 23th, 2009	ASP.NET 3.5 Using V.S 2008
<b>Royal Scientific Society</b>	Jun 14th, 2009 – Jul 19th, 2009	Oracle 10G Developer Track
<b>Royal Scientific Society</b>	Jul 1st, 2007 – Sep 1st, 2007	Java, Oracle Forms, Oracle Reports, ASP.net, C#

## 8. Projects Done

Name	Type Of Project	Implementation Languages and Tools
<b>Procurement System</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, AJAX, Visual Studio 2012, Reporting Service
<b>Online Career System</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, AJAX, Visual Studio 2012, Reporting Service
<b>Projects Management &amp; Evaluation System (Ministry of Planning)</b>	New Project	ASP.NET, C#, SQL Server 2012, AJAX, Visual Studio 2017
<b>Smart RSS</b>	New Project	ASP.NET, C#, Visual Studio 2017, Arduino API
<b>Student's Registration System (Princess Sumaya University for Technology)</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, AJAX, Visual Studio 2012, Reporting Service
<b>Child Labor System (Ministry of Labor)</b>	New Project	ASP.NET, C#, SQL Server 2012, AJAX, Visual Studio 2012
<b>Sawa Dental Store</b>	New Project	WordPress Tool, Themeler Tool
<b>Future Hydrogen Group Website</b>	New Project	WordPress Tool, Themeler Tool
<b>Aston Microscopy &amp; Engineering Website</b>	New Project	WordPress Tool, Themeler Tool
<b>Lawyer Bills Management System</b>	New Project	ASP.NET, C#, SQL Server 2012, AJAX, Visual Studio 2012
<b>Humans Resources System</b>	New Project	ASP.NET, C#, SQL Server 2012, AJAX, Visual Studio 2012
<b>Laboratory Information Management System</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, AJAX, Visual Studio 2012
<b>Sabboora Website</b>	New Project	ASP.NET, C#, SQL Server 2012, AJAX, Visual Studio 2012
<b>Light Controller (Jordan Museum)</b>	New Project	Windows Form, C#, Visual Studio 2010, Electronic Circuits
<b>Bridge Program for Training Website</b>	New Project	JSP, Oracle DB, Toad Server 7.6
<b>KPI and Evaluation System</b>	New Project	JSP, Oracle DB, Toad Server 7.6
<b>Researchers Portal Website</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, AJAX, Visual Studio 2010, Reporting Service
<b>SitatByoot System</b>	New Project	ASP.NET, C#, SQL Server 2008, AJAX, Visual Studio 2010
<b>Irada System</b>	New Project	ASP.NET, C#, SQL Server 2008, AJAX, Visual Studio 2010, Reporting Service
<b>Arab Federation for Quality Website</b>	New Project	ASP.NET, C#, SQL Server 2008, AJAX, Visual Studio 2010
<b>Electronic Document Flow System</b>	New Project	ASP.NET, C#, SQL Server 2008, AJAX, Visual Studio 2010
<b>Electronic Document Flow System</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, AJAX, Visual Studio 2010

<b>Disabled Soldiers Affairs System</b> (The Hashemite Commission for Disabled Soldiers)	New Project	Oracle Forms, Oracle Reports, Toad Server 7.6
<b>Microsoft Office Word Add-ins</b>	New Project	ASP.NET, C#, Visual Studio 2008
<b>Quality Auditing System</b>	New Project	Oracle Forms, Oracle Reports, Toad Server 7.6
<b>El Hassan Science City Website</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, AJAX, Visual Studio 2008
<b>Jordan Institution for Standards and Metrology Evaluation System</b>	Maintenance	JSP, Oracle DB, Toad Server 7.6, Oracle Forms, Oracle Reports
<b>Inspection and Hazardous Materials System</b> (Jordan Institution for Standards and Metrology)	Maintenance	ASP.NET, C#, SQL Server 2005, Visual Studio 2003
<b>Employee Services Website</b>	Maintenance	JSP, Oracle DB, Toad Server 7.6
<b>Humans Resources System</b>	Maintenance	Oracle Forms, Oracle Reports, Oracle DB, Toad Server 7.6
<b>Financial System</b>	Maintenance	Oracle Forms, Oracle Reports, Oracle DB, Toad Server 7.6
<b>Payroll System</b>	Maintenance	Oracle Forms, Oracle Reports, Oracle DB, Toad Server 7.6
<b>Warehouse System</b>	Maintenance	Oracle Forms, Oracle Reports, Oracle DB, Toad Server 7.6
<b>Stocking System</b>	Maintenance	Oracle Forms, Oracle Reports, Oracle DB, Toad Server 7.6
<b>Requirements System</b>	Maintenance	Oracle Forms, Oracle Reports, Oracle DB, Toad Server 7.6
<b>El Hassan Library System</b>	Maintenance	Oracle Forms, Oracle Reports, Oracle DB, Toad Server 7.6
<b>El Hassan Library Catalogue</b>	New Project	ASP.NET, C#, AJAX, Oracle DB, Toad Server 7.6, Visual Studio 2008
<b>Training Courses Certificate System</b>	New Project	Oracle Forms, Oracle Reports, Oracle DB, Toad Server 7.6
<b>Fingerprint System</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, Visual Studio 2008
<b>Jordanian Science Week the 15th</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, Visual Studio 2008
<b>Jordanian Science Week the 14th</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, Visual Studio 2008
<b>RFID Readers System</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, Visual Studio 2008
<b>Royal Scientific Society Website</b>	New Project	ASP.NET, C#, Oracle DB, Toad Server 7.6, AJAX, Visual Studio 2008
<b>Palestine Insurance System</b> (Palestine Capital Market Authority)	New Project	ASP.NET, C#, AJAX, SQL Server 2008, Visual Studio 2008
<b>National Employment Center System</b> (Ministry of Labor)	New Project	ASP.NET, C#, AJAX, SQL Server 2005, Visual Studio 2008

<b>Electronic Purchase Request System</b>	New Project	Oracle Forms, Oracle Report, JSP, Oracle DB, Toad Server 7.6
<b>PSUT E-Learning Website</b>	Senior Project	ASP.NET, C#, AJAX, SQL Server 2005, Visual Studio 2005
<b>Simple E-Commerce Website</b>	Course Project	ASP.NET, C#, AJAX, SQL Server 2005, Visual Studio 2005
<b>Many of static websites</b>	Project	HTML, ASP.NET, C#, AJAX, Visual Studio 2005, Visual Studio 2008

## 9. References

Upon Request