

Thinaba, Tulkarem, West Bank, Palestine.	<i>C.V. for</i> Mahmoud Ibrahim Abd Al-Rhman Moshref	Mobile: 009720599270406 Pal E-mail: Moshref2008@gmail.com
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PERSONAL DETAILS:

Gender	Male
Date of birth	23/03/1980
Age	41
Place of Birth	Tulkarm
Nationality	Palestinian
Marital status	Married
Children	Four Child

EDUCATION:

<ul style="list-style-type: none"> 2016 _ 2021 The University of Jordan Amman, Jordan PhD degree in Computer Science The University of Jordan Dissertation Title: " An Enhanced Multi Objective Non-dominated Sorting Genetic Routing Algorithm for Improving the QoS in Wireless Sensor Networks" With Average (3.35/4)
<ul style="list-style-type: none"> 2009 _ 2012 Birzeit University Birzeit, Ramallah, Palestine M.Sc. degree in Computing Birzeit University. Seminar Part 1 : finding Pilgrims by Deploy RFID Readers in Area of The Holy Mosque in Mecca. Seminar Part 2: An Efficient Anti-Collision Algorithm For Tag Identification to Communicate With RFID Readers In Area Of The Holy Mosque In Mecca. With Average (79.7)
<ul style="list-style-type: none"> 1998_2003 An-Najah National University Nablus, Palestine

B.Sc. degree in Computer Science An-Najah National University.

With Average (73.2)

- 1997_1998 Al- Fadlia Secondary Boys School Tulkarm, Palestine

With Average (81.4)

PROFESSIONAL EXPERIENCES:

- 2004 – Until Now, Working as (IT) teacher in Abd Al-Rhem Mohammed Higher Secondary School in directorate of Education Tulkarem. (Palestinian Ministry Of Education).
- 2012 – 2013, Working as " Part time" Instructor in Al-Quds Open University, Bedy Services Study Center, Salfeet Branch.
- 2016 – 2017, Working as Part time instructor in Palestine Technical University (Kadoorei), Tulkarem.

LANGUAGES:

Arabic: native fluency.

English: good in speaking, good writing.

TEACHING IN UNIVIRSITES

- **JAVA Programing for first year / Computer Engineering students**
- **ARDINO Programing for second year/ Computer Engineering students**
- **Network Programing for fourth year / Computer Engineering students**
- **Very high speed integration circuit Hardware Description Language (VHDL) for fourth your / Computer Engineering students**
- **Computer Principles, and Skills for first year / IT students**

SKILLS:

- * Using Matlab Tools.
- * Using Photoshop, Adobe Photoshop Programs.
- * C/C++/Java Programming.
- * Python Programming
- * SQL server 2005, 2008 Programming.
- * Web Application Development (Using PHP, ASP.NET, HTML, Java Script)
- * Assembly Programming.
- * Working with Internet and its application.
- * Visual Basic 6 , Visual Basic.net, Visual C++
- * Good using for Word / Excel / Power Point programs.
- * Can using UML Tools.
- * Can built ORM model using ORM Tools (NORMA).
- * Can Teaching Data Structure Course.
- * Can Teaching Data Base Systems Course.
- * Can Teaching Software Quality Assurance Course.
- * Can Teaching Web Services Course.
- * Can Teaching User Interface Design (GUI) Course.
- * Can Teaching Network System Course.
- * Can Teaching Network Labs Course.
- * Can Teaching Wireless Sensor Network & WSN Security Course.
- * Can Teaching Internet of Things & IoT Security Course.

Publications:

- Sherin Hijazi, **Mahmoud Moshref**, Saleh Al-Sharaeh, " Enhanced AODV Protocol for Detection and Prevention of Blackhole Attack in Mobile Ad Hoc Network", International Journal of Computers & Technology, ISSN 2277- 3061, February, 2017.
- **Mahmoud Moshref**, " Improved Anti-Collision Algorithm for Tag Identification in Future Internet of Things", I. J. Computer Network and Information Security, 2017, 3, 11-20 Published Online March 2017 in MECS.
- Amjad Hudaib, **Mahmoud Moshref**, " Survey in software Reliability Growth Models: Parameter Estimation and Models Ranking", International Journal of Computer Systems (ISSN: 2394-1065), Volume 05– Issue 05, May, 2018.
- **Mahmoud Moshref**, Rizik Al-Sayyad, " Developing Ontology Approach Using Software Tool to Improve Data Visualization (Case Study: Computer Network)", I.J. Modern Education and Computer Science, 2019, 4, 32-39 Published Online April 2019 in MECS, DOI: 10.5815/ijmecs.2019.04.04.
- **Mahmoud Moshref**, Rizik Al-Sayyad, Saleh Al-Sharaeh, " Multi-objective Optimization Algorithms for Wireless Sensor Network: A Comprehensive Survey", Journal of Theoretical and Applied Information Technology, 31th July 2020 Issue 14 Vol 98.
- **Mahmoud Moshref**, Rizik Al-Sayyad, and Saleh Al-Sharaeh, " An Enhanced Multi-Objective NonDominated Sorting Genetic Routing Algorithm for Improving the QoS in Wireless Sensor Networks", in *IEEE Access*, vol. 9, pp. 76531-76531, 2021.

REFERENCES:

- Dr. Sherin Walied Mahmoud Hijazi, Prof. Assistant in applied computing Department , PTUK_Khadouri , Palestine , 10-FEB-07, Mobile:0597131444
- Dr. Derar M. A. Eleyan, Associate Professor , PTUK_Khadouri , Palestine , 20-OCT-

14, Vice President Palestine Technical University-Tulkarem, Tel: 09-2671026

- Dr. Muath Sabha, Vice President for Planning and Quality in Arab American University, muath.sabha@aaup.edu.