

Abdalrahman Abdalkareem Almodawar

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Address: Jordan - Irbid.

DOB: 15 Aug -1988.

Marital Status: Married

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My information on JUST Web site:

<http://www.just.edu.jo/eportfolio/Pages/Default.aspx?email=aalmodawar>

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EDUCATION

Jordan University Of Science and Technology

2011 - 2013

- M.Sc. in Computer Science.
 - Thesis Title: Adaptive Localization Scheme in Wireless Sensor Networks
 - Graduated with A grade (93.2/100).

Al-Balqa Applied University

2006 – 2010

- B.Sc. in Computer Science.
 - Graduated with B grade (3.53/4.0)

Irbid High School

2005 – 2006

- Science Section.
 - Graduated with (83.3/100)

EXPERIENCE

Full-time lecturer | JUST– Jordan University Of Science and Technology

May 2014 - present

- Instruct and lecture the following computer courses in the computer science department:
 - ANALYSIS AND DESIGN OF ALGORITHMS - CS248
 - C++ PROGRAMMING LANGUAGES - CS115
 - INFORMATION RETRIEVAL SYSTEMS - CS422
 - INTRODUCTION TO PROGRAMMING - CS101
 - PROGRAMMING FOR ENGINEERS - CS114
 - PROGRAMMING FOR ENGINEERS (LAB) - CS114 Lab
 - PROGRAMMING LAB - CS102
 - SELECTED PROGRAMMING LANGUAGES (FOR NON COMPUTER SCIENCE INFORMATION STUDENTS) - CS116
 - Graduation project 1 for CS students - CS491
 - Graduation project 2 for CS students - CS492

Part-time lecturer | JUST– Jordan University Of Science and Technology

September 2013 – May 2014

- Instruct and lecture the following computer courses in the computer science department:
 - C++ programming (CS115)
 - C++ programming lab (CS102)

Teaching assistant | JUST– Jordan University Of Science and Technology

September 2012 – May 2013

- I worked as a teacher assistant in C++ programming labs (CS102), correcting in-lab quizzes and post-lab assignments in addition to correcting VB programming (CS116) post-lab assignments.

Research assistant | JUST– Jordan University Of Science and Technology

February 2012 – July 2012

- I worked on the performance and energy analysis of Routing Protocols in stationary Wireless Sensor Networks. Intensive Experiments were conducted aimed at comparing all available routing protocols in QualNet 5.2 simulator tool in sparsely and densely connected networks with different number of sources and different traffic load.

Part-time and full-time lecturer | Granada Intermediate University College

November 2010 – May 2014

- Instruct and lecture the following courses:
 - C++ programming
 - VB programming
 - Web Design
 - System Analysis
 - Data Base Management Systems
 - Oracle : SQL and DBA
 - Operating systems
 - Networks: Data transfer and communication
 - Computer Skills
 - Networks: Set Up and Connecting Local Area Networks
 - Graduation Projects for IT students
 - Unix Operating System

Trainee employee | AJIB – Arab Jordan Investment Bank September 2010 – November 2010

- I worked three months as a data base administrator assistant in addition to working on the bank workflow in the computer department.

PUBLICATIONS

- Almodawar, Abdalrhman; Al-Ayyoub, Mahmoud; Mohammad, S; ,Security-aware placement and migration algorithm in iaas inter-clouds, The fourth international conference on information and communication systems (ICICS 2013),,,,,2013,
- Hmeidi, Ismail; Al-Ayyoub, Mahmoud; Abdulla, Nawaf; Almodawar, Abdalrahman; Abooraig, Raddad; Mahyoub, Nizar; Automatic Arabic text categorization: A comprehensive comparative study, Journal of Information Science,,,,0165551514558172,2014, SAGE Publications.
- Hmeidi, Ismail; Shehadeh, Hisham; Almodawar, Abdalrhman; Daraghmeh, Mustafa; Comprehensive Study on Information Retrieval: Arabic Document Indexing, Research Journal of Science and Technology,6,2,79,2014,A&V Publications
- Mardini, Wail; Khamayseh, Yaser; Almodawar, Abdalrhman; Elmallah, Ehab; Adaptive RSSI-based localization scheme for wireless sensor networks, Peer-to-Peer Networking and Applications,,,,1-14,2015,Springer
- Halima, Nadhir Ben; Khamayseh, Yaser; Mardini, Wail; Almodawar, Abedl Rahman; Empirical Experiments for Sensors' Distance Estimation in Smart Places, Computer and Information Technology; Ubiquitous Computing and Communications; Dependable, Autonomic and Secure Computing; Pervasive Intelligence and Computing (CIT/IUCC/DASC/PICOM), 2015 IEEE International Conference
- Al-Badarneh, Amer; Najadat, Hassan; Abdulla, Nawaf; Almodawar, Abdalrhman ; Mohsen, Ghassan; A Survey of Indexing Schemes in Cloud Data Management,"7th International Conference on Computer Science and Information Technology (CSIT 2016), At Jordan" ,,,,2016,

PROJECTS WORKED ON

- Medical Image Processing; diagnosing heart failure 2017
 - ✓ Diagnosing abnormal Cardiac (heart) size through CTR (cardio-thoracic ratio) analysis using machine learning approach.
- Data Mining and Sentiment Analysis for social media; Classification , Quantification and Correlation studies 2016, 2017
 - ✓ Five-points scale English Tweets/Reviews Quantification
 - ✓ Five-points scale Arabic Tweets/Reviews Quantification
 - ✓ Exploring Mode -Weather correlation for Arabic Tweeters /

Please note my publications from [Google Scholar](#), [Research Gate](#) and/or **JUST web site**.

https://scholar.google.com/citations?hl=ar&user=f10s05oAAAAJ&view_op=list_works

https://www.researchgate.net/profile/Abdallahman_Almodawar

<http://www.just.edu.jo/eportfolio/Pages/Publications.aspx?email=aaalmodawar>