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## EDUCATIONAL QUALIFICATION

**Newcastle University, Australia**

**2014-2018**

PhD in Computer Science (Thesis title)

“Modeling and simulation of a new cloud computing platform based on the Secure SPEEDOS operating system”

**Western of Sydney, Australia.**

**2009- 2011**

Master’s Degree in Computer Engineering (Thesis title)

“Protecting Network Clients from other Clients in the same network”

**Jordan University of Science and Technology, Jordan**

**2002-2006**

B.Sc. Degree in Computer Information System,

## Experience

Assistant Professor

10,2018- Till now

*The Hashemite University*

<https://hu.edu.jo/fac/Staff.aspx?facid=67000000>

*Zarqa, Jordan*

IT sales Manager

Sep, 2013- Jan, 2017

COVAU

<http://www.covau.com.au>

Sydney, Australia

Lecturer

January, 2011-June, 2012

Technology

Jordan University of science and

<http://www.just.edu.jo/Pages/Default.aspx>

Irbid, Jordan

Network Engineer and Technical Support

Dec, 2008 – Aug, 2010

Nile River Trading

[nilerivertrading@hotmail.com](mailto:nilerivertrading@hotmail.com)

Sydney, Australia

- Troubleshooting TCP/IP network and all related services.
- Managing and administrating the Internet.
- Providing technical support for Laptops, Desktops, and Printers.
- Troubleshooting any reported problems
- Installing, Configuring, and Supporting MS Windows XP, Vista, MS Office 2003, MS Office 2007 and Antivirus software's.
- Installing, configuring, and supporting small-medium networks.
- Arranging the installation & testing of products or systems
- Installing and configuring new hardware/software.
- Answering customers' technical queries.
- Troubleshooting any reported problems.

### IT Technical Support Engineer

Dec, 2006 – Sep, 2008

MOSECO (Modern Scientific & Electronics Co.)

<http://www.moseco.com.jo/Default.aspx>

Amman, Jordan


- Day to day activates related to E-voucher System, such as Transfer orders from E-voucher systems to finance application and uploading vouchers on the voucher systems.
- Helping in monitoring the system to guarantee that all telephone lines are working properly, database cluster and application server are up all the time and all other hardware are operation.
- Monitor and maintain the LAN, Network Servers, Printers, LAN Points, Switches, Patch Pane, etc. to prevent faults occurring.
- Implement the policy to protect the system from viruses, Trojans, Spy ware and Hacking.
- Responsible of contacting customers that may encounter problems on the system, and take proper action.
- Provide technical user-support services and training in applications, including e-mail, upgrade the software when instructed.
- Pc's maintenance for company employees, installation & updates.
- Supervision of switchboard.

### Courses Taught

- C++
- Java
- Information Security
- Computer network
- Computer skills

- HTML

### Training

- Cisco certified network associate (CCNA)  Network design and Configurations {4-full courses with In-Lab practical training (Configuring Routers, Switches ...)}.
- Microsoft Certified Solutions Associate (MCSA).
- Red Hat Enterprise Linux.

### Computer, Programming skills:

- Data Structures
- Computer Security levels.
- OS
- ASP. Net
- Java
- C++
- Web Design
- Information Technology
- Computer networking
- Computer Skills II (MS SharePoint Designer, SPSS, Internet, Email and Access)

### Personal Skills:

- Excellent in Cloud Computing systems especially any related to security areas
- Excellent in managing and forming research teams based on the hottest research areas
- Excellent in the modern medical informatics systems
- Excellent in teaching skills
- Very interesting in team work
- Very good social relations

### Languages

- English, Arabic written, and spoken.

### Research area's

Cloud Computing, Cyber Security, Image Processing, Virtual Reality and Data Mining

### Journal/conferences paper

- Shadi AlZu'bi, Bilal Hawashin, Ala Mughaid, Thar Baker "Efficient 3D medical image segmentation algorithm over a secured multimedia network" Multimedia Tools and Applications. DOI: 10.1007/s11042-020-09160-6.
- Bilal Hawashin, Shadi AlZu'bi, Ala Mughaid, Farshad Fotouhi, Ahmad Abusukhon." An Efficient Cold Start Solution for Recommender Systems Based on Machine Learning and User Interests". DOI: 10.1109/SDS49854.2020.9143953.
- Shadi AlZu'bi, Bilal Hawashin, Ala Mughaid, Yaser Jararweh." Whats Trending? An Efficient Trending Research Topics Extractor and Recommender". DOI: 10.1109/ICICS49469.2020.239519.
- Shadi AlZu'bi, Darah Aqel, Ala Mughaid, Yaser Jararwa "A Multi-Levels Geo-Location based Crawling Method for Social Media Platforms" Sixth International Conference on Social Networks Analysis, Management and Security (SNAMS-2019). DOI: 10.1109/SNAMS.2019.8931856
- Ala Mughaid, Ibrahim Obeidat, Bilal Hawashin Shadi AlZu'bi, and Darah Aqel "A smart Geo-Location Job Recommender System Based on Social Media Posts". The Sixth International Conference on Social Networks Analysis, Management and Security (SNAMS - 2019). DOI: 10.1109/SNAMS.2019.8931854
- Ibrahim Obeidat, Ala Mughaid."A secure encrypted protocol for clients' handshaking in the same network. International Journal of Interactive Mobile Technologies DOI: 10.3991/ijim.v13i05.9845
- Shadi AlZu'bi, Ala Mughaid, Bilal Hawashin, Mohammed Elbes, Terek Kanan, Thamer Alrawashdeh and Darah Aqel. "Reconstructing Big Data Acquired from Radioisotope Distribution in Medical Scanner Detectors" DOI: 10.1109/JEEIT.2019.8717367

### References

Available upon request.