

Baha Rababah

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MSc computer science, University of Manitoba, Canada with knowledge, skills and experience in networking and programming, seeking a job in information technology.

Keywords: Windows server, Linux, CCNA, Python, Machine Learning, Blockchain, Node-Red, Java, Java Script, PHP, C++, Assembly, and Internet of Things.

Operating Systems and Networking Skills:

- Knowledge of Microsoft Windows Server, client, and active directory.
- Knowledge of basic configuration and managing Linux networks.
- Knowledge of basic firewall configurations to meet the network security requirement and worked with SMTP, POP3, FTP, HTTPS, SSH and others protocols.
- Analyzing network packets using Wireshark and ColaSoft.
- Knowledge of network's Simulation to better understand its strengths and weaknesses.
- Experience in implementing network protocols, such as BGP, OSPF, and RIP (MSc Project).
- Experience in cloud computing: installing and configure OpenStack, working on IBM cloud to handle and process external data.

Programming Skills:

- Experience in Machine Learning programming Using Python (MSc Thesis).
- Experience in Data Analysis: worked with a team for blockchain data analysis, my task was to cluster user behavior pattern (The project: <https://github.com/cakcora/Chainoba>).
- Web Programming: designed an online library website called engineering publication library using PHP, CSS, MySQL and HTML.
- Experience in Data structure programming using java and C++ (taught data structure at university level).
- Experience in low level programming using Assembly (taught microprocessor at university level).

Hardware Skills:

- Experience in implementing Internet of Things applications Using *Raspberry Pi*, Arduino and sensors (MSc Thesis).
- Experience in flow streaming programming to connect hardware devices using Node-Red and Java Script (MSc Thesis).

Education and Qualifications:

- University of Manitoba, Canada. Sep 2018 – Nov2020
MSc Computer Science.
- University of Portsmouth, United Kingdom. Sep 2014 – Sep 2015
MSc Computer Network Administration and Management.
- Al-Balqa Applied University, Jordan. Sep 2006 – July 2010
BSc Computer Engineering.

Relevant Experience:

- **Full time Lecturer**, Faculty of Computer and Information System, Islamic University of Madinah, Saudi Arabia. Sep 2016 –Sep 2018.
- **Lecturer of Information Technology**, Arabian Education and Training Group, Amman, Jordan. Sep 2015 –Sep 2016
- **Computer helpdesk and data entry operator** provide support on a wide range of equipment and software, such as Windows, Office etc. Ministry of interior, Bahrain. 1 Jan 2012 – 1 Aug 2014
- Attending to CCNA course (50) hours, Amman, Jordan, 2009.

Awards:

- Certificate of Honorable Achievement for substantial contribution to ABET accreditation of the academic programs of the Faculty of Computer and Information Systems, Islamic University in Madinah, Saudi Arabia, 2018.
- Best student certificate, MSc Computer Network Administration and Management, University of Portsmouth, UK, 2015.
- Best performance certificate, MSc Computer Network Administration and Management, University of Portsmouth, UK, 2015.