

# Abdulkareem M. H. Jabr

Nationality: Saudi • Date of birth: 31 December 1983

## Contact

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P.O. Box: 908 Makkah 21955, Kingdom of Saudi Arabia

## Profile

**Objective** Obtain an IT-position where I can maximize my networking, designing, programming, leadership skills, and work experience.

**Availability** One month.

## Education

**Bachelor of Science in Computer Engineering**

September 2001 – January 2008

**King Fahd University of Petroleum and Minerals - KFUPM**

**Dhahran, Saudi Arabia**

### Areas of Study

- Computer Networks
- Mobile Computing
- Data Communication
- Computer Architecture
- Electric Circuits & Electronics
- VLSI and VHDL
- Microcomputer Systems Design
- Digital Systems Design
- Programming Languages
- Databases & Data Structure
- Algorithms
- Operating Systems

## Work Experience

GOSI Total Experience: 3years, 5months till Sep. 2008

**Systems Engineer I**

Full time.

**Research & Development Department - till 14, Sep. 2008**

April 2008 - present

**Networking & IP Telephony Department**

**BT-Applied Technology**

**Jeddah, Saudi Arabia**

- IPTV Systems & Networks
- IPTV Designing and Implementation
- IPTV Applications Development

### Projects:

- Ministry of Interior
- King Abdul Aziz Endowment
- Private Palace

**Systems Engineer**

Full time.

**IT Services Department**

October 2007 – January 2008

**NAIZAK Global Engineering Systems, ARAMCO contractor.**

**Al-Khobar, Saudi Arabia.**

**Coop trainee, Assistant Engineer**

Full time.

**Arab National Bank**

June 2006 – February 2007

**Riyadh, Saudi Arabia.**

|   |                                       |
|---|---------------------------------------|
| <ul style="list-style-type: none"> <li>• WAN/LAN Control Monitoring</li> <li>• HO LAN Migration Project</li> <li>• EIFRP-to-OSPF Project</li> <li>• Net Flow Project</li> <li>• CISCO, Cabletron and 3COM devices.</li> <li>• Planning, Configuring, Testing and cabling.</li> <li>• VLANs, ACLs, IPS, SMS, Firewalls.</li> </ul> |                                       |
| <b>Jabr Constructions – Family company</b><br><b>Administration Representative</b><br><b>Dhahran, Saudi Arabia</b>  | Part time.<br>January 2006 – May 2008 |
| <b>Web designer</b><br><b>Research Institute - KFUPM</b><br><b>Dhahran, Saudi Arabia</b>  | Part time.<br>March – August 2004     |
| <b>Instructor of a Visual Basic short-course</b><br><b>System and Computer Club, KFUPM</b><br><b>Dhahran, Saudi Arabia.</b>   | Part time.<br>October 2003            |

| KFUPM Networks' Courses Descriptions   |
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| <b>COE342: Data Communication.</b><br>Introduction to data communication. Overview of the OSI model. Frequency response, bandwidth, filtering and noise. Analog and digital modulation techniques. Pulse Code Modulation (PCM). Communication systems circuits and devices. Data encoding. Physical layer protocols. Data link control (point to point communication, design issues, link management, error control, flow control). Multiplexing and switching.  |
| <b>COE442: Computer Networks.</b><br>Introduction to computer networks. Circuit, message, packet, and cell switching. The OSI model. WAN and LAN design issues. LAN standards. Network layer design issues. Routing and congestion control. Internetworking. ISDN, B-ISDN, and ATM. Transport layer design issues and protocols. Application layer design issues and protocols. Examples of protocol suites and networks. Classes of LANs. LAN design issues. LAN topologies. LAN transmission media. LAN protocols: Medium Access Control (MAC) and Logic Link Control (LLC). LAN standards. Network software: Network operating systems. LAN performance modeling and analysis. Internetworking: Bridges, Routers, and Gateways. Reliability, availability, survivability, and security. |
| <b>COE446: Mobile Computing.</b><br>Introduction to mobile computing. Designing computer networks to support user mobility. Models for indoor and outdoor mobile networks. System issues such as performance, quality of service, reliability, and security in mobile computing environment. Hardware, and access protocols, for mobile networks. Adapting existing protocols to support mobility.   |

| Key skills  |  |   |   |
|---|--|---|---|
| <b>Proficient or familiar with a vast array of programming languages, concepts and technologies including</b>                                   |  |   |   |
| <ul style="list-style-type: none"> <li>• Designing Networks</li> <li>• Networks Administration</li> <li>• MS-Windows Servers/Clients</li> </ul> | <ul style="list-style-type: none"> <li>• Networks analysis</li> <li>• Database Administration</li> <li>• Unix / Linux</li> </ul> | <ul style="list-style-type: none"> <li>• Oracle and MySQL</li> <li>• HTML, PHP, JSP and ASP</li> <li>• Pspice, Xilinx and MultiSim</li> </ul> | <ul style="list-style-type: none"> <li>• C, C++, JAVA and Visual Basic</li> <li>• Microsoft Office</li> <li>• Work computerization</li> </ul> |

| Short courses  |                          |
|--|--------------------------|
| 2273: Managing and Maintaining a Microsoft Windows Server 2003 Environment.<br>New Horizon CLC<br>Al-Khobar, Saudi Arabia. | November – December 2007 |
| Cisco Certified Network Assistant-2 (CCNA2)<br>KFUPM, Dhahran, Saudi Arabia.   | NOV 2005 – JAN 2006      |
| Cisco Certified Network Assistant-1 (CCNA1)<br>KFUPM, Dhahran, Saudi Arabia  | SEP 2005 – NOV 2005      |
| Project Management<br>Systems Engineering Department, KFUPM<br>Dhahran, Saudi Arabia.                                      | December 2003            |

| Committees and Memberships   |                       |
|--|-----------------------|
| AAFAQ Program committee<br>KFUPM, Dhahran, Saudi Arabia.   | 2005, 06              |
| KFUPM Strategic Plan Committee<br>KFUPM, Dhahran, Saudi Arabia.  | 2005                  |
| Member of Students' Fund committee.<br>KFUPM, Dhahran, Saudi Arabia  | October 2004 – 2005   |
| President of System and Computer Club.<br>KFUPM, Dhahran, Saudi Arabia   | September 2004 - 2005 |
| Leader of Technical Committee - SC Club<br>KFUPM, Dhahran, Saudi Arabia.   | 2003, 04              |
| Leader of PR Committee – SC Club<br>KFUPM, Dhahran, Saudi Arabia.  | 2002, 03              |
| KFUPM Agent – Technical Support area<br>Electronics & Communications & Internet Exhibition<br>Al-Seef Center – Easter Province<br>Dhahran, Saudi Arabia. | 2002                  |
| KFUPM Agent – Technical Support area<br>Computer & Internet Exhibition<br>Al-Dhahran International Exhibitions<br>Dhahran, Saudi Arabia.                 | 2001                  |

| References                             |
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| References are available upon Request. |

