

## ABDULLAH ALI BAHATTAB

Assistant professor of the Computer Technology Department  
College of Telecommunication & Electronics  
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### Education:

- Ph.D. degree in Computer Science (Computer Networks), Illinois Institute of Technology, Chicago, IL, July 2000.
  - Thesis title “Predicting the IP addresses to Speedup Routing Look up”, July 2000, Advisers: Martha Evens, Bohdan Bodnar, and George Kraft.
- MS. degree in Computer Science, Western Michigan University, Kalamazoo, MI, April 1995.
- BS. degree in Computer Science, King Abdulaziz University, Jeddah, Saudi Arabia, May 1989.

### Supplementary

#### Education:

- Training course for “**Arbitration and Claims**”, Arbitration Center at Issiut college, Issiut University, Jeddah, Saudi Arabia, March – July 2010.
- Certified Trainer for “**HP Microenterprise Development program (GET-IT)**”, HRDF, Riyadh, KSA, OCT. 2009.
- Training course for “**Management of Information Technology Services**”, Waterford Institute of Technology, Waterford, Ireland, June 2008.
- Training course for “**Deans Management**”, City College Brighton and Hove, Brighton, UK, July 2006.
- Training course for “**Active Manager in a Workgroup environment**”, IPA, Riyadh, Saudi Arabia, March 2006.
- Training Course for “**Strategic Planning**”, IPA, Jeddah, Saudi Arabia, Jan. 2006.
- Hands-On training for “**Network Security**”, Zoom Technologies, Hyderabad, India, July 2004.
- Hands-On training for “**CCNA**”, Zoom Technologies, Hyderabad, India, July 2004.
- Hands-On training for “**MCSE**”, Zoom Technologies, Hyderabad, India, July 2004.
- CCIA Semester2, Telecommunication and Information College, Riyadh, Saudi Arabia, Sept. 11, 2003.

- CCIA Semester1, Telecommunication and Information College, Riyadh, Saudi Arabia, 2002.
- Hands-On training for “Local Area Network”, Madinah College of Technology, Madinah, Saudi Arabia, August 2001.
- Completion of a course of study in Frame Relay: technology and applications, Business Communication Review (BCR), Chicago, IL, Nov., 1996.
- Completion of a course of study in System analysis & design, Computer Center, King Abdulaziz University, Jeddah, Saudi Arabia, March 1990.
- English Program at University of South Carolina, 1992-1993.

### Experience:

- Intellectual property Consultant, Ministry of Media and Information, Jeddah, 2010 - present.
- IT Center Director, Technical Vocational Training Corp. Council, Jeddah , Oct. 2007 - present.
- Head of IT Committee at Jeddah Chambers of Commerce, Jan 1, 2007 – Oct. 2009.
- College Dean, College of Telecomm. and Electronics, Jeddah, July 2, 2005 – June 11, 2007.
- Member of the board of Computer Club (Female) for Ministry of Education, Jeddah, March 2005 – Dec. 2006.
- Member of the board of Computer Club (Male) for Ministry of Education, Jeddah, Dec. 2002 – Dec. 2006.
- Member of the board of the Saudi Computer Society in the Kingdom of Saudi Arabia, Jan 2005- present.
- Chairman of the Saudi Computer Society at Jeddah, June 2002- present.
- Member of High Committee of Cooperation Industrial Training, Gotevot, 2002 – 2006.
- Editor member of International refereed Journal “**Journal of Technology Research**” published by GOTEVOT, Oct. 20, 2004 – Oct. 2005.
- Deputy Dean for Education and Training, College of Telecomm. and Electronics, Jeddah, Nov. 6, 2002 – Oct. 23, 2004.
- Adjunct Assistant professor of the IT department at Arab Open University, Jeddah, 2004.
- Manager of Computer & Information Center, College of Telecomm. And Electronics, Jeddah, Jan. 2001 – June 2004.
- Manager of Registrar's office, College of Electronic Technology, Jeddah, Jan. 2001 – June 2003.
- Chairman of Computer Technology Department at the College of Electronic Technology, Jeddah, Saudi Arabia, Jan 2001 – Sept. 2003.
- Research Intern (IP over SONET), Argonne National Laboratory, Argonne, IL, August 1997 – Nov. 1997.
- 1995-2000, Ph.D. candidate at Illinois Institute of Technology.
- 1993-1995, MS. at Western Michigan University.

- Teacher and Manager of the Computer Center at the College of Technology, Jeddah, Saudi Arabia, 1990-1992.
- Programmer at National Commercial Bank, Jeddah, Saudi Arabia, 1989-1990.

#### **Academic Visits:**

- Visiting colleges, some companies (Airbus and Mercedes-Benz manufactories), Labor office, and Chamber of commerce, Germany, July 2007.
- Visiting universities and technical colleges, New Zealand, Sept. 2005.

#### **Publications:**

- Jemni, M., Bahattab, A., “A collaborative approach for development of Arabic courses for e-learning, A case study of Tunisian-Saudi Arabian experience” IEEE Learning Technology Newsletter, Vol. 7, Issue 2, April 2005.
- Bahattab “The proposed Plan for student’s admission at Universities using the Internet”, a letter presented at standards and procedures of admissions at universities conference, Kuwait, Dec. 14-15, 2002.
- Bahattab, A., Bodnar, B., Kraft, G., Evens, M., “Producing a high hit ratio and a low search time in forwarding routing tables by predicting IP addresses”, IEEE GLOBECOM 2002 Conference, High Speed Networks Symposium, Vol. 3, Nov. 17-21, 2002, pp. 2338 – 2344, Taiwan, Taipei.
- Bahattab, Al-Khateeb, “International Standards for ISPs”, Arabic Systems and Information Technology Society, standards for system and information technology conference, Oct. 29-31, 2002, Cairo, Egypt.
- Bodnar, B., Bahattab, A., Kraft, G., Evens, M., “Predicting IP addresses to speed up routing lookup”, 2000 Advanced Simulation Technologies Conference. Proceedings of the Applied Telecommunication Symposium, April 16-20, 2000, pp.207-213, Washington D C., USA.

#### **Patent-Approved:**

- “**Predictive routing table cache population**”, Patent No. 6,816,457, approved on Nov. 2004, www.uspto.gov, United State Patent and Trademark Office, Alexandria, Virginia 22313, USA.
- “**Routing once and Cross-connect Many**”, Patent No. 7,664,108, approved on Feb. 16, 2010, www.uspto.gov, United State Patent and Trademark Office, Alexandria, Virginia 22313, USA.

### **Patent- Pending:**

- **“Routing once and Cross-connect Many”**, provisional patent application was filed on 2008 in the European Office.

### **Authoring Books:**

- **“Inventor’s Guide from the Idea to the Marketing”**, Abdullah Bahattab, first edition, deposit No. 1429/2777, Kink Fahad National Library, 9960-47-727-4, 3/1426.
- **“Mobile Maintenance”**, Bahattab, A., Alssamman, A., Jadallah, E., first edition, deposit No. 2003/1426, Kink Fahad National Library, 978-603-00-0035-7, 6/1429.

### **Membership:**

- **“International Chamber of Commerce- Saudi Arabia”**, Arbitration commission 1432- present.
- **“Arabic Center For Arbitration”**, 1431- present.
- **“Saudi Computer Society”**, 1423- present.

### **Awards, Recognitions, and Honors:**

- Awarded the Bronze Medal in **The Belgian and International Trade Fair For Technological Innovation**, for my patent **"Predictive routing table cache population"**, 2008, Belgium, Brussels.
- Letter of recognition from **King Abdullah AbdulAziz al saud**, 2007.
- Letter of recognition from **Vice-governor Dr. Hamad al oqla**, 2007.
- Letter of recognition from **Minister of Labor Dr. Qazi al Qusaibi**, 2006.

### **Journal & conference reviewer:**

- The 10th IEEE International Conference on Advanced Learning Technologies (ICALT 2010).
- IPSI Bgd Internet Research Society, July 2006 Volume 2 Number 2 (ISSN 1820-4511)

### **Projects:**

- Manager of **“Voice over IP”** project, Gotevot, 1424.
- Member of the consultant team of the **“Establishing the Data Center and High speed LAN”** project, Ministry of girls Education, 1423.
- Simulation of High-level Data Link Control (HDLC) Protocol using C programming language.

- Designing a Packet-switched network (x.25) using SIMNET package.
- Simulation of cache replacement algorithms for routers (FIFO, LRU, Round Robin, Random) using C programming language.

#### **Conferences, Seminars & Workshops:**

- IEEE GLOBECOM 2002 Conference, High Speed Networks Symposium, Taiwan, Taipei Nov. 17-21, 2002.
- 2000 Advanced Simulation Technologies Conference, Washington D.C., USA, April 16-20, 2000.
- Networking in a New Light: Extending Fiber Beyond the Backbone, 3M Volition , Chicago, IL, May 5, 1999.
- Enabling Intelligent Networks, Cisco seminar series, Chicago, IL, June 24, 1998.
- Fueling and Controlling High-Speed Networks, XYLAN Technology Workshop, Chicago, IL, May 27, 1998.
- Simplifying Network Management, Cisco seminar series, Chicago, IL, May 20, 1998.
- Security Solutions, Cisco seminar series, Chicago, IL, April 15, 1998.
- Untangling Layer 3 Switching, Cisco seminar series, Brookfield, WI, April 14, 1998.
- Planning for High Speed Token Ring, NetworkWorld Town Meeting, Chicago, IL, April 1, 1998.
- Frame Relay Migration, RACAL, Chicago, IL, Nov. 15, 1997.
- Telecommunication & Internet Access Seminar, ASCEND, Chicago, IL, Oct. 10, 1997.

#### **Relevant Skills:**

- **Client-Server Computing:** IP routing.
- **Operating Systems:** Both from a user viewpoint and internals viewpoint: MS-DOS, Win95, Win98, and Linux 1.2.8.
- **Installations:** User environment: Linux 1.2.8, Novell 4.11, Win NT4, Win3.x, Win95, Win98, and Win XP.
- **Programming Languages:** C, Perl, HTML, Pascal, COBOL, FORTRAN-77, Assembly (on PCs), and Clipper (for Database).
- **Packages:** Visio 2002, MATLAB, SIMNET (for designing networks), Microsoft Office 2000: Word, PowerPoint, FrontPage.

#### **Personal Data:**

**Date of Birth: 9/9/1965.**  
**Married and have 4 Kids.**