Dr. Hanal Abuzanat

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CURRENT POSITION

Assistant Professor in Engineering Department, An- Najah National University, January 2010 – Present

EDUCATION

PhD. Computer Engineering, Ecole-Centrale de Lille University, France, September 2006-December 2009. The theme of my thesis is "Optimizing the Quality of service in wireless networks".

MSc. Computer Engineering, **Lille1 university, France, 2005 –2006.**

BSc. Electrical / Computer Engineering, An-Najah University, Palestine, 1996 – 2001

WORK EXPERIENCE

Assistant Professor, Computer Engineering Department, An-Najah National University, Nablus, West Bank, Palestine. January 2010 - Present.

I had trained in Falcon Company for communications, Electronic, Control from 2000-2001.

I had worked in Duracom Company for telecommunications and networks from 15-07-2001 to 1-03-2003. This company is working in **Optical Fiber** Technology Projects for Installation, Operating, extension, Testing and manufacturing Cords, Splicing and polishing *Singlemode And Multimode*.
On the other hand, i had worked in Projects of Networking using Wired and wireless devices, such as: Routers, Switches, Hubs, Repeaters, Print servers and more with their installations.

Also, I had worked in the Hijjawi Faculty / An-najah University, as a Specialist in the networks and as a teacher in the Networking and Computer Engineering in 1-03-2003 until 22-11-2004.

SOCIAL AND ORGANIZATIONAL SKILLS

• I participated to develop the installation of networks in An-najah (Alacademieh buildings), 2003.
• I participated in enhancing the labs (Microprocessor, Networks and Digital) of computer engineering department 2010-2013.

COMPUTER SKILLS

• MS Office 2007 & Visio 2007
• A lot of programs in graphics, audio, web design, flash, programming and simulations.

TRAINING

- 2002: CCNA (Cisco Certified Network Associate) in Galaxy training association.
- 2002: MCSE (Self Training).
- 2002: Network+ for computers Networks (Self Training).
- 2002: A+ for computers Hardware (Self Training).
- 2004: UNIX (in Global Tec).

COURSES TAUGHT:

- Microprocessor 1
- Microprocessor 2
- Advanced Microprocessor
- Network lab
- Digital lab
- Microprocessor lab
- C++ programming
- Numerical Analysis

PUBLICATIONS
Articles and journals:

- Hanal Abuzanat, Benoit Trouillet, and Armand Toguyeni. "**Routing Fairness model for QoS optimization in Wireless Network**". *Sensor Technologies and Applications, International Conference on, 0:776–781, 2008.*
- Hanal Abu Zanat, Benoit Trouillet, Armand Toguyéni. **« Un modèle de routage équitable pour équilibrer la qualité de service dans les réseaux adhoc ».** *Conférence Internationale Francophone d'Automatique, CIFA'08. 2008.*
- Hanal Abu Zanat, Benoit Trouillet, Armand Toguyéni. **"Fair Queuing Model for EDCA to optimize QoS in Ad-hoc Wireless Network".** *The Eighth International Conference on Networks, ICN 2009, March 1-6, 2009 - Gosier, Guadeloupe/France.*
- Hanal Abu Zanat, Benoit Trouillet, Armand Toguyéni**. "FQ-EDCA: An Extension of EDCA to improve Fairness in Ad-hoc Wireless Network".** *The 39th International Conference on Computers & Industrial Engineering (CIE39), France. July 2009.*
- Hanal Abu Zanat, Benoit Trouillet, Armand Toguyeni **« Routage et équité pour améliorer la qualité de service des réseaux adhoc »**, *e-STA 2009 by see, Volume 6, N° 3, pp 15-19.*

REFERENCES

Available upon request