Curriculum Vitae

Personal Information

Name	**Osama Abd-Elazeem Mohamed Bahgat Elshakankiry.**
Place of birth	**Kuwait.**
Date of birth	**17-11-1975.**
Current address	**2 Elgomhoria Street – Menouf – Elminoufiya – Egypt.**
Specialist	**Computer Science and Engineering**
Current job	**Lecturer at Computer Science and Engineering Department – Faculty of Electronic Engineering - Minoufiya University - Egypt.**
Gender	**Male**
Nationality	**Egyptian**
Marital status	**Married and has 3 sons**
E-mail	**osama1975@hotmail.com, elshakankiry75@yahoo.com**
Phone	**0483674089 -- 01005864462.**
Languages	**Arabic is the mother tong, *English* reading and speaking good.**

Education

Institution	*Certificate*	*Date*
School of Computer Science, University of Manchester, UK.	**Ph.D. in Computer Science**	**2010**
Faculty of Electronic Engineering, Minoufiya University, Egypt.	**M.Sc. in Computer Science and Engineering**	**2003**
Faculty of Electronic Engineering, Minoufiya University, Egypt.	**B.Sc. in Computer Science and Engineering**	**1998**

Job Experience

1- **Lecturer at the Department of Computer Science and Engineering / Faculty of Electronic Engineering / Minoufiya University / Egypt, from 2011 tells now.**

2- **Demonstrator at the School of Computer Science / Faculty of Engineering and Physical Sciences / University of Manchester / UK, from 2007 to 2010.**

3- **Assistant lecturer at the Department of Computer Science and Engineering / Faculty of Electronic Engineering / Minoufiya University / Egypt, from 2003 to 2006.**

4- **Delegated instructor for Century-21 (IBM Authorized centre) for teaching courses of the mission of the Egyptian Communication Ministry for alumnus from 2003 to 2005.**

5- **Delegated instructor for SI (IBM Authorized centre) for teaching courses of the mission of the Egyptian Communication Ministry for alumnus from 2000 to 2002.**

6- **Demonstrator at the Department of Computer Science and Engineering / Faculty of Electronic Engineering / Minoufiya University / Egypt, from 1999 to 2003.**

Research Interests

My research interests are in Internet security, network security and security and privacy in networked environments.

Publications

1- **Osama Elshakankiry, Andy Carpenter and Ning Zhang. A New Secure Binding Management Protocol for Mobile IPv6 Networks, in proc. of the 4th International Symposium on Information Assurance and Security (IAS08), IEEE CS Press, Naples, Italy, September 2008, pp. 281-286.**

2- **Osama Elshakankiry, Andy Carpenter and Ning Zhang. A Novel Scheme for Supporting Location Authentication of Mobile Nodes, in proc. of the 2nd International ICST Conference on Security and Privacy in Mobile Information and Communication Systems (MobiSec2010), LNICST, Catania, Italy, May 2010, pp. 91-102.**

3- **Khayri A. M. Ali, Fatma A. Omara and Osama A. Elshakankiry. Garbage Collection Schemes for Shared Memory Multiprocessors, in proc. of the 19th International Conference on Computers and Their Applications (CATA2004), Washington, USA, March 2004, pp. 302-307.**

4- **Khayri A. M. Ali, Fatma A. Omara and Osama A. Elshakankiry. A Comparative Study of Parallel Non-Generational Copying Garbage Collection Schemes for Shared Memory Multiprocessors, in the Journal of the Faculty of Computers and Information, Cairo University, Vol. 4, No. 2, December 2003.**

5- **Khayri A. M. Ali, Hamdy M. Kelash, Fatma A. Omara, and Osama A. Elshakankiry. Parallel Generational Copying Garbage Collection Schemes for Shared-memory Multiprocessors, Electronics Engineering Research Journal, Minoufiya University, Vol. 13, No. 2, July 2003.**

Participations in Journals and Conferences

1- The 2nd International ICST Conference on Security and Privacy in Mobile Information and Communication Systems (MobiSec2010), Catania, Italy, May 2010 as an author.

2- The 4th International Symposium on Information Assurance and Security (IAS08), Naples, Italy, September 2008 as an author.

3- The 3rd International Conference on Information Assurance and Security (IAS07), Manchester, UK, September 2007 as a listener.

4- The Journal of the Faculty of Computers and Information, Cairo University, Vol. 4, No. 2, December 2003 as an author.

Skills Development Courses

I attended many courses in the field of faculty development skills. These courses are:

Course Title	Duration	Venue
University teacher preparation	**21 Days**	**Minoufiya University-Egypt**
Selected topics in teaching	**3 Days**	**Minoufiya University-Egypt**
Profession ethics and arts	**3 Days**	**Minoufiya University-Egypt**
Research projects of local and global competitiveness	**3 Days**	**Minoufiya University-Egypt**
Scientific Publications	**3 Days**	**Minoufiya University-Egypt**
Credited hours	**3 Days**	**Minoufiya University-Egypt**
Examination systems and evaluating students	**3 Days**	**Minoufiya University-Egypt**
Training Of Trainers courses.	**21 Days**	**IBM**

Teaching Experiences

Thirteen years in academic teaching. Through these years, I taught the following courses:

No.	Course	Place
1	**COM 303E: Computer Aided Design for Digital Circuits**	**Department of Communications and Computers Engineering, Faculty of Engineering, Delta University for Science and Technology, Egypt.**
2	**UEC02: Computer Skills and Programming Concepts**	**Department of Computer Engineering, Faculty of Engineering, Pharos University, Egypt.**
3	**Network Security**	**Department of Computer Science and Engineering, Faculty of Electronic Engineering, Minoufiya University, Egypt.**
4	**Introduction to Network Security**	
5	**COMP60242: Mobile Computing**	**School of Computer Science, Faculty of Engineering and Physical Sciences, University of Manchester, UK.**
6	**COMP26120: Algorithms and Imperative Programming**	
7	**COMP28411: Computer Networks**	
8	**COMP16121 and COMP16212: Object Oriented Programming with Java**	
9	**Network Applications Lab.**	**Department of Computer Science and Engineering, Faculty of Electronic Engineering, Minoufiya University, Egypt.**
10	**Microcontroller Lab.**	
11	**Operating Systems**	
12	**Data Structures**	**Higher Institute of Engineering and Technology, Giza, Egypt.**
13	**Computer Languages (Java)**	**Department of Computer Science and Engineering, Faculty of Electronic Engineering, Minoufiya University, Egypt.**
14	**Computer Languages (C++)**	
15	**Logic Design**	
16	**Introduction to Computers and Information Technology**	

Participations in technical and professional committees

Committee	*Date*	*Activity*	*Contribution*
Third International Conference on Information Assurance and Security (IAS07)	**2007**	**Member of the Technical Committee to review research**	**Reviewing scientific papers**
Egyptian Engineers Syndicate	**Since 1998**	**Member**	**Engineering committee**

Administrative committees

1- **Member of the Academic Advising Committee, Department of Computer Science and Engineering, Faculty of Electronic Engineering, Minoufiya University, 2011.**

2- **Member of the quality and academic accreditation Committee, Department of Computer Science and Engineering, Faculty of Electronic Engineering, Minoufiya University, 2011.**

3- **Member of the Committee to evaluate Projects of graduated students, Department of Computer Science and Engineering, Faculty of Electronic Engineering, Minoufiya University, 2011.**

4- **Member of the Computer Science Department council, Faculty of Electronic Engineering, Minoufiya University, 2011.**

5- **Secretary-general of the students Federation, Faculty of Electronic Engineering, Minoufiya University in 1997-1998.**

References

1- Dr. Ning Zhang (Senior Lecturer)

    School of Computer Science, Faculty of Engineering and Physical Sciences,

    University of Manchester, 2.113 Kilburn Building,

    Oxford Road, Manchester, M13 9PL, UK.

    Phone: +44 (0) 161 275 6117

    Fax: +44 (0) 161 275 6204

    Email: nzhang@cs.man.ac.uk

    Web: http://www.cs.man.ac.uk/~nzhang/

2- Dr. Andy Carpenter (Lecturer)

    School of Computer Science, Faculty of Engineering and Physical Sciences,

    University of Manchester, 2.119 Kilburn Building,

    Oxford Road, Manchester, M13 9PL, UK.

    Phone: +44 (0) 161 275 6168

    Fax: +44 (0) 161 275 6204

    Email: Andy.Carpenter@manchester.ac.uk

    Web: http://www.cs.man.ac.uk/ ~andy/

3- Prof. Dr. Nawal Ahmed EL-fishawy

    Department of Computer Science and Engineering, (Chairman)

    Faculty of Electronic Engineering,

    Minoufiya University, Egypt.

    Phone: 0020103095671

    Fax: 0020483660716

    Email: nelfishawy@hotmail.com

4- Prof. Dr. El-Sayed Mahmoud El-Rabaie

    Vice Dean of faculty of Electronic Engineering,

    Minoufiya University, Egypt.

    Phone: 0020198699975

    Fax: 0020483660716

    Email: elsayedelrabaie@gmail.com