## السيرة الذاتية



## المعلومات الشخصية

الأسم : علا محمد حجازي

عنوان (منزل) : منطقة جنوب (س) شارع الشهيد كريم بنونة، قطعة

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## الخلفية العلمية

- بكالوريوس هندسة الألكترونيات و الأتصالات (قسم الأتصالات الكهربائية)، تاريخ التخرج مايو 1987، كلية الهندسة، جامعة القاهرة.
- درجة الماجستر في شبكات الحاسب الألي (قسم الأتصالات الكهربائية) بعنوان(Performance Evaluation of Distributed Computer) بعنوان Networks) تاريخ الحصول علي الدرجة نوفمبر 1993، كلية الهندسة، جامعة المقاهرة.
- درجو دكتوراه الفلسفة في أمان الشبكات الكمية للحاسب الألي (قسم المسلم) بعنوان (A Model of Security Protocols for الحاسب الألمي) بعنوان Distributed Quantum Systems) ، تاريخ الحصول علي الدرجة بونيو 2009، كلية الهندسة، جامعة عين شمس.

### اللغسات المجسادة

- الأنجليزية: جيد جدا
  العربية: ممتاز (اللغة الأم)

# **PROFESSIONAL EXPERIENCES:** 1. ACADEMIC ACTIVITIES:

- Working in CAIRO HIGHER INSTITUTE FOR COMPUT-ER INFORMATION AND MANAGEMENT, in the academic year 1995/1996 as An Assistant Doctor in Physics and Mathematics.
- Working in VICTORY COLLEGE MAADI CAIRO, in a period of three academic years 1997 to 2000, as A Professional **Teacher in Computer Science**.
- Working in DAR EL TARBIA SCHOOLS AMERICAN **DIPLOMA & IGCSE DEPARTS**, in the academic year 2000/2001, as An Assistant Doctor in Computer Science.
- Working in MODERN ACADEMY MAADI FACULTY OF **ENGINEERING**, in the academic years (2001/2002 – 2002/2003 - 2003/2004 - 2004/2005), as **An Assistant Doctor** in Computer and Communications Departs (Teaching Programming in C++ and Electrical Circuits' Analysis).
- Working in CANADIAN INTERNATIONAL COLLEGE (CIC), CURRENT JOB, starting in the academic year 2005/2006 till now, as A Lecturer (Assistant Professor) in Business Technology and Engineering Departments (Teaching Business Mathematics, Engineering Mathematics, Introduction To Statistics, Introduction to Network, Advanced **Networks Management, Programming In C++ [Introductory** and Advanced Levels], PC Hardware Fundamentals, Introduction to Information System, Introduction to Operating

System, System Analysis, Windows Server Technologies, Internet Administration, WAN technologies, Advanced TCP/IP, Server technologies.

- Supervising and coordinating and discussing the Graduation Project subject for the graduates).
- Preparing and marking final exams in the subjects taught.
- Working in the quality assurance unit as preparing course files for all my subjects that have been taught, supervising and collecting course file for all other subjects in business department.
- Curriculum designing and course preparation and evaluation.
- Choosing subjects' books and updating them when required.
- Preparing course outline and materials (instructor materials if not included).
- Courses equalization between business technology and computer science.
- Supervising and controlling final exams proctoring.
- Following student's attendance and applying the drop policy.
- Uploading course's materials on web site.
- Training and supervising teaching assistant working with in teaching courses.

### 2. NON ACADEMIC ACTIVITIES:

- Working in **GIZA ENGINEERING COMPANY** in a period of 1987 to 1990, as **A Computer and Communications Engineer**, maintenance and sales for electronic devices.
- Working in THE NATIONAL CENTER FOR EXAMINATIONS EDUCATIONAL EVALUATION (NCEEE), for the period of a project (6 months) Dec 1996 to June 1997, as A Specialist in Communications and Computer Networks, designing and senior supervising on establishing the network in the center.

Working in CANADIAN INTERNATIONAL COLLEGE (CIC), CURRENT JOB, starting in the academic year 2005/2006 till now in non-academic jobs as follows:

- Preparing schedules for business department.
- Advising students in business technology department and computer science.
- Working in the Bylaw preparation, revision and modification.
- Supervising the graduate unit (revising all student related issues and certificates Canadian and Egyptian).
- Solving students problems and following them up.

## **PUBLICATIONS:**

- ➤ "Quantum Entanglement-Based Protocol for Security Direct Communication", in the 43<sup>rd</sup> yearly Conference for Statistics and Computer Science and operational research, 22-25 December 2008, Institute of Studies and Statistical Researches.
- > "Quantum Secure Direct Communication Using

Entanglement and Super-Dense Coding", SECRYPT 2009, International Conference on Security and Cryptography, 7-10 July 2009, Milan, Italy.

### **ATTENDED PROFESSIONAL COURSES**

- VISUAL BASIC, certified from blue max computer company at 1997.
- ACCESS 2000, certified from Statistical and Research Studies Institute at 2002, grade (Excellent).
- ACADEMIC PROGRAM (COURSE SPECIFICATIONS), TDCD CIC Canadian International College premises at Mar 2010.
- ACADEMIC PROGRAM (COURSE REPORT), TDCD CIC Canadian International College premises at Mar 2010.
- ACADEMIC PROGRAM (THE MAIN REQUIRMENTS FOR ACCREDITATION FILES), TDCD Canadian International College CIC premises at Mar 2010.
- INSTITUTIONAL SELF-EVALUATION OF HIGHER EDU-CATION INSTITUTIONS, National Authority for Quality Assurance and Accreditation of Education, Canadian International College CIC premises at Nov 2010.
- CCNA CISCO NETWORKING COURSE, Nov 2010.
- STRATEGIC PLANNING FOR HIGHER EDUCATION IN-STITUTIONS, National Authority for Quality Assurance and Accreditation of Education, Canadian International College CIC premises at Dec 2010.

- PRACTICES AND SUPPORTING DOCUMENTS FOR HIGHER EDUCATION INSTITUTIONS, National Authority for Quality Assurance and Accreditation of Education, Canadian International College CIC premises at Dec 2010.
- HOW TO PREPARE EXAM PAPER CONCERNING ILO's, TDCD Canadian International College CIC premises at Dec 2010.
- CLOUD INFRASTRUCTURE AND SERVICES EMC<sup>2</sup>, EMC<sup>2</sup> company premises at Jan 2013.

#### ATTENDED PROFESSIONAL CONFERENCES

- Conference for Statistics and Computer Science and operational research, 22-25 December 2008, Institute of Studies and Statistical Researches.
- ICCI Helwan University conference, Dec 2012.
- "MPS and Beyond: Transforming Information into Knowledge", IDC and Xerox companies, March 2013.
- "IBM CIO CMO Leadership Summit", IDC and IBM companies, June 2013.

### **ACADEMIC ORGANIZATIONS MEMBERSHIPS**

• IEEE COMPUTER AND COMMUNICATION SOCIETIES from 2001 to 2003, with membership no.: 41466434

• ACM (ASSOCIATION FRO COMPUTING MACHINERY) from 2004 to 2007, membership no.: 8777138

#### **JOB POSITIONED**

- ASSISSTANT PROFESSOR/LECTURER in any of the following subjects or related fields:
- > COMPUTER NETWORKS (Introduction and Advanced levels)
- > ADVANCED TCP/IP PROTOCOL
- > SERVER TECHNOLOGIES
- > WAN TECHNOLOGIES
- > INTERNET ADMINISTRATION
- > PROGRAMMING LANGUAGES (C++)
- > WINDOWS SERVER TECHNOLOGIES
- > ELECTRIC CIRCUITS ANALYSIS
- > COMPUTER ARCHITECTURE
- > DIGITAL LOGIC CIRCUITS
- > MATHEMATICS
- > STATISTICS
- > PC HARDWARE FUNDAMENTALS
- > INFORMATION SYSTEMS
- > INTRODUCTION TO OPERATING SYSTEM
- COORDINATOR and SUPERVISOR ENGINEER for DE-SIGNING AND BUILDING DATA INFORMATION NET-WORK PROJECT in CAIRO HIGHER INSTITUTE FOR COMPUTER INFORMATION AND MANAGEMENT, at 1995.

### **REFERENCES**

1. **Prof. DR. MAHMOUD HANAFI AHMED**, Prof. Doctor in LASER, Electrical communication department, Faculty of Engineering, Ain Shames University. Tel: 01093971920

- 2. **Prof. DR. MOHAMED GAMAL DARWISH**, Prof. Doctor Dean of Faculty of Engineering in the French University at El-Shorouk city. Tel: 01001425302
- 3. **Prof. DR. SANA'A EL OLA HANAFI**, Prof. Doctor in Faculty of Computers and Information Science, Cairo University. Tel: 01005160219