

MOHANNAD OSSAMA EL-MEGHARBEL

Nationality: Egyptian

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Marital Status: Married

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OBJECTIVE:

Obtaining a challenging position in the ICT industry by being an active member in a well-established organization where my knowledge can be efficiently utilized and further developed.

WORK EXPERIENCE:

i. August 2003 (till now)

National Telecom Regulatory Authority (NTRA)

▪ Senior Manager, Standardization & Technical Aspects (Mar 11 - Present)

- Vice-Chairman of the ITU-T study group 16
- Develop the strategic plan for raising the Egyptian participation in international standardization bodies
- Responsible for standardization issues and activities in standardization bodies, as ITU-T and IEEE
- Responsible for institutional development (technical programs for NTRA staff)
- Supervising and developing the undergraduate summer training program
- Develop material for the undergraduate course on “Telecom Regulations and Recent Trends”, taught at Egyptian universities
- Responsible for developing students’ activities in the Egyptian universities

▪ Manager, Interconnection Policy (Feb 07 – Feb 11)

- Carry out Strategic Planning, Time Planning and Technical Studies for the development and modification of the interconnection guidelines and policies
- Review the Reference Interconnection Offer (RIO) issued by licensees designated by the NTRA as having Significant Market Power or Market Dominance
- Review the Interconnection Agreements to insure that they are free of anticompetitive conditions
- Ensure that new entrants are able to secure access to essential infrastructure and encouraging the effective sharing of network facilities by developing the NTRA policies in this area
- Participate in other issues related to the regulatory policies in the NTRA

▪ Senior Engineer, Telecommunication Planning (Apr 06 – Jan 07)

- Develop strategic and action plans for regulating the access network layer of the telecom market
- Respond to requests for constructing new access networks or requests for providing new services in existing access networks
- Review and consider economic studies of the access network market, and use these studies to analyze the Egyptian telecommunication market

- Involved in reviewing the final version of the licenses and authorizations
 - Monitor the progress in telecom technologies, services and regulations
 - **Senior Engineer, Information Security (Jan 05 – Mar 06)**
 - Conduct accurate evaluation of the level of security systems at NTRA
 - Assist with the investigation of security breaches
 - Maintain and support security management platforms
 - Assist in the development of Penetration testing lap
 - Design new security solution for the NTRA network
 - Implement an information security policy to acquire the ISO27001(BS7799:2005)
 - Investigate digital crimes within the digital forensics team
 - **Junior, Network Engineer (Aug 03 – Dec 04)**
 - Administrate and monitor NTRA network (LANs, WANs, Wireless Networks)
 - Work as a system analyst and designer for the NTRA business cycles for the automation project
- ii. **January 2000 to July 2002**
Captain Intel for Computer & Electronics
- **Hardware and Software Maintenance Engineer**
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ACADEMIC BACKGROUND:

- i. **July 2010**
Master in Wireless Communication
 Nile University in Collaboration with Ohio State University, USA
 GPA: 3.34
- ii. **July 2003**
VLSI Diploma Scholarship Sponsored by Mentor Graphics
 Information Technology Institute (ITI), Cairo, Egypt
- iii. **May 2002**
B.Sc. in Electrical Engineering
 Major: Communication and Electronic Engineering
 Port Said University Formerly Suez Canal University, Portsaid, Egypt
 Grade: Very Good with Degree of Honor
- iv. **May 1997**
High School Diploma in Mathematics
 Portsaid Experimental Language School, Portsaid
 Grade: 94.5%
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PROJECTS:

- i. ITU Technical Paper “Use Cases for Assisting People with Disabilities using Mobile Application”
- ii. National Broadband Implementation Plan
- iii. Egyptian delegate at the Standardization Sector of the International Telecommunication Union
- iv. Evaluation Committee for the Closed Compounds Access Operator License
- v. Towers Infrastructure License
- vi. Closed Compounds Access Operator License

- vii. **Closed Compounds Access Operator RFP**
 - viii. **Reference Interconnection Offer for Telecom Egypt**
 - ix. **Second Fixed Operator RFP**
 - x. **Broadband Wireless Access Regulation (WiMAX)**
 - xi. **While in Egypt Stay Connected (WiMAX Pilot Project)**
 - xii. **Egyptian Telecom Market Competition Guidelines**
 - xiii. **Fixed Market Liberalization Policy**
 - xiv. **Developing New Licensing Regime harmonized with the Convergence Era**
 - xv. **Design a New Network Security Solution**
 - xvi. **Implementation of an Information Security Policy Based on ISO 17799:2005**
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LANGUAGES:

Arabic: Mother Tongue
English: Fluent, TOEFL iBT: 96
French: Beginner

TRAINING COURSES:

- **Regulatory Training**
 - The Regulation and Economics of NGN (Ovum - 2010)
 - Interconnection Agreements Negotiations & Management (Neotelis - 2008)
 - A Converged Broadband World and its E-Applications (NATP II - 2007)
 - Dispute Resolution in the Telecom Sector (ITU - 2007)
 - Telecom Policy & Regulation - Interconnection for Arab Region (ITU - 2007)
 - Cost Analysis & Performance Measurements from Strategic Perspective (AUC - 2007)
 - TRMC Regulatory Master Class (Interconnect Communication - 2006)
 - Competition Policy Workshop (Sharon Black - 2006)
 - **Technical Training**
 - RFID & Internet of Things (Nile University - 2015)
 - OPNET Modeler (OPNET Technologies - 2010)
 - LTE Technology and its Applications (Telefocal Asia - 2010)
 - WiMAX (Tonex - 2005)
 - GSM Fundamentals (Tonex - 2005)
 - GPRS Fundamentals (Tonex - 2005)
 - PBX Fundamentals (Tonex - 2005)
 - RF Fundamentals (Tonex - 2005)
 - Tetra Fundamentals (Tonex - 2005)
 - SS7 Fundamentals (Tonex - 2005)
 - VoIP Fundamentals (Tonex - 2005)
 - IP Multimedia Subsystem (Tonex - 2005)
 - **Soft Skills**
 - The 7 Habits of Highly Effective People (LTC - 2006)
 - Presentation Skills (ITI - 2002)
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References available upon request