



# CURRICULUM VITAE

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Name : **Dalia Hassan Elkamchouchi**  
 Nationality : Egyptian  
 E-mail : daliakamsh@yahoo.com

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## OBJECTIVE

A Promising yet challenging career in Electrical Engineering with a well reputed university; whereat my education background can be utilized to assure maximum productivity.

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## PERSONAL ATTRIBUTES

- **Bilingual** – Fluent in English and Arabic
  - **Computer Literate** – Extremely conversant with various programs
  - **Communication Skills** - Excellent
  - **Excellent Freehand Drawing**
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## EDUCATION BACKGROUND

\* **Doctor of Philosophy in Electrical Engineering** , Faculty of Engineering Alexandria University (August 2006) "**DATA SECURITY IN COMMUNICATION NETWORK**"

### Publications

- 1.A.Khairy Abouseoud, Dalia H.Elkamchouchi, "Cryptographic Schemes Using Chaotic System"; Radio Science Conference, URSI 2008, Tanta University, Tanta, Egypt.
  
- 2.A.Khairy Abouseoud, Dalia H.Elkamchouchi, "Chaotic QER Cryptosystem In The Gaussian Number Domain"; Radio Science Conference, 2009. NRSC 2009, Future University, Cairo, Egypt. Proceedings of the Twenty-seventh .National Radio Science Conference
  
- 3.A.Khairy Abouseoud,IbrahimGhaleb, Dalia H.Elkamchouchi, "A Chaotic Public Key Multi-Message Multi-Recipients Signcryption Scheme(CPK-MM-MR-SS)." 12<sup>th</sup> World Multiconference on Systemics, Cybernetics and Informatics: WMSCI 2008 June 29th - July 2nd, 2008 - Orlando, Florida, U.S.A.

4.A.Khairy Abouseoud, Dalia H.Elkamchouchi," New Symmetric Cipher Enhanced by Rotor in Real & Gaussian Domains (SCER)," ICFN 2010, Sanya, China, January 22 – 24, 2010

**\*Master of Science in Electrical Engineering** , Faculty of Engineering Alexandria University – Egypt.(March 2006).

**" DATA ENCRYPTION: NEW PUBLIC KEY AND PROXY SIGNCRYPTION ALGORITHMS"**

**Publication :**" New Proxy Signcryption Scheme with DSA Verifier",the 3<sup>rd</sup> National Radio Science Conference(NRSC 2006),Menoufya Egypt, March 2006.

**\*Microsoft Certificate Professional** : Server2000

**\*Microsoft Certificate Achievement** : Windows Prof. 2000&server

**\*Diploma in Communications** (Four Semesters)

Electrical Engineering Department, faculty of Engineering Alexandria – Egypt

**\*Certificate in Business Administration** (December 1997)

American University in Cairo (AUC)

**\*Bachelor in Electrical Engineering** (June 1997)

Faculty of Engineering – Alexandria, Egypt

Graduation project **(Mobile Radio Communication)** Grade-Excellent

**Computer &Internet training for English language teaching from IELP-II(USAID)**(integrated English language learning program

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## **PROFESSIONAL EXPERIENCE**

**September 2010-still**

Organization

Location

**:Assistant Professor**

:Alexandria Higher Institute of Engineering and Technology

: Alexandria,Egypt

**Nature of Work:**

Teaching Courses

- 1- Electromagnetic Waves, ECE261** (Communications, and Mechatronics departments)
- 2- Electromagnetic Waves and Antenna Theory, ECE361** (Communication department)
- 3- Fundamentals of Logic Design, CE112** (Communications, Computer Science and Mechatronics departments)
- 4- Digital System Design, CE212** (Communications, Computer Science and Mechatronics departments)
- 5- Electronics Measurements and Transducers, ECE133** (Communications, Computer Science and Mechatronics departments)
- 6- Medical Electronics- Instruments and Electrical Measurements** (Faculty of Allied Medical Science at PUA), part time.

**November 2007-2010** : **Assistant Lecturer**  
 Organization : Alexandria Higher Institute of Engineering and Technology  
 Location : Alexandria, Egypt

**Nature of Work**  
 Teaching Courses of Mathematics, Digital Design and Circuits, Communications, Computer Science and Mechatronics departments

**March 2001-October 2007** : **LAN Manager.**  
 Organization : Faculty of Education  
 Location : Alexandria, Egypt

**Nature of Work**  
 Managing & Administrating the Faculty Network

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**October 98 – November 2000** : **Electrical Engineer**  
 Organization : Alex.home for Construction & Engineering  
 Location : Alexandria, Egypt

**Nature of Work**  
 Sales and maintenance of computer Network (software and hardware), mobiles

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**July 97 – August 98 : Computer maintenance Engineer**

Organization : PC – Link Company

Location : Alexandria, Egypt

**Nature of work**

Assembling and Troubleshooting Personal Computers (Software, Hardware)  
And installing software packages,

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**July 95 : Summer training**

Organization : Philips

Location : Alexandria, Egypt

**Nature of work**

Supervising and quality controlling Lamps production

**REFERENCES ARE AVAILABLE UPON REQUEST**