



Shaimaa Ateya Hussein Ateya

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Birthday: 1/2/1989

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Education

Mansoura University - Faculty of Engineering

PhD in Electronics and Communications Engineering **in 3/3/ 2020**

Supervisors: *Prof.Dr/ Hossam El-Din Salah Moustafa & prof.Dr./ Ahmed Ebrahim Mohamed saleh*

Thesis: "A Hybrid Technique for Data Hiding in Video Applications".

Mansoura University - Faculty of Engineering

Master in Electronics and Communications Engineering **in 29/5/ 2016**

Supervisors: *prof.Dr./ Ahmed shaban samra & Prof. Dr./ Hossam El-Din Salah Moustafa*

Thesis: "Study of Steganography Techniques in Medical Images"

Mansoura University - Faculty of Engineering

BSc in Electronics and Communications Engineering **2011 (70%)**

Publications

- Shaimaa A. Hussein, Ahmed I. Saleh, Hossam El- Din Mostafa," A new fog based security strategy (FBS²) for reliable image Transmission",

- Journal of Ambient Intelligence and Humanized Computing, <https://doi.org/10.1007/s12652-019-01512-x>, 2019.
- Shaimaa A. Hussein, Ahmed I. Saleh, Hossam El-Din Mostafa, “A hybrid security strategy (HS²) for reliable video streaming in fog computing”. Wireless Networks 26, 1389–1416. <https://doi.org/10.1007/s11276-019-02203-3>, 2020.
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Conferences / Presentations

- Paper entitled: “Comparison of Steganographic Techniques to Embed Data in Medical Images” in The 8th International Engineering Conference, 2015.
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Professional Experience:

- Training on medical electronics in Dr. Mohamed Ghoneim Center for Kidney and Urology in Mansoura, 2009-2011
 - Electronics Engineer, 2011-2016
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Teaching Experience

Department of electronics and communications, Delta Higher Institute for Engineering and Technology, Mansoura.

- **Assistant lecturer** (sep 2016 - Jan 2020)

Course title: electric power systems — electric principles - physics - Digital and Logic Circuits - Electronic Devices - Electronics Engineering- Computer Organization& Architecture- Computer Networks- Signal Analysis- Digital Signal Processing -Medical Electronics

- **Lecturer** (Jan 2020 - Present)

Course title: Electrical Materials - electric circuits – Optoelectronics- Optical Communications- Information Security

Professional Skills Training

CCNA, CCNP, GSM, Matlab, Toefl.

Skills

- Experience in image processing, interactive imaging applications and/or computer vision.
 - Extensive experience in inspection of electronic devices.
 - Analytical skills to follow logic of electronic circuits and interface with software
 - Excellent communication, assessment and evaluation skill
 - Rich experience in modeling and computer simulation, using MatLab, FlexPDE, Mathematica, and PSPICE Additional experience in digital circuit design using VHDL
 - Computer skills: Unix/Linux/Windows; HTML, LaTeX; C/C++, etc.
 - Good time management and coordination skills
 - Knowledge in training and testing equipment
 - Effective contributor beating deadline and targets
 - Good Leadership skills
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Referees

- *prof.Dr./* Ahmed Ebrahim Mohamed Saleh , Professor of Computers and Control Engineering Department – Faculty of Engineering – Mansoura University, phone : 0201114090654 , Email : aisaleh@yahoo.com
- *Assoc.Prof./* Hossam El-Din Salah Moustafa, Associate professor of Electronics and Communications Engineering Department – Faculty of

Engineering – Mansoura University, phone : 0201222301239, Email: hossam_moustafa@hotmail.com.

- *Prof.Dr./ Ahmed shaban samra*, professor of Electronics and Communications Engineering Department – Faculty of Engineering – Mansoura University, phone : 0201224053523, Email: ahsamra@yahoo.co.uk.
- *Prof.Dr./ Mohamed elsaed nasr* , professor of Electronics and Communications Engineering Department – Faculty of Tanta, phone : 0201227381657, Email: menasr2001@yahoo.com.