<u>**Curriculum Vitae**</u>

Mai Salah El Saeed Diab.

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<u>Education:</u>

- **PHD Candidate at** Computer Engineering and Systems Department, Faculty of Engineering, Mansoura University.
  Title : Development of Multiple Objects Tracking Algorithms under Occlusion.
- **M.Sc. Degree** - Electrical Engineering from the Faculty of Engineering, Benha University, Egypt, November 2009.
  Thesis Title: Implementation of Digital Watermarking Techniques Using Field
                    Programming gate Array
  Thesis Advisor: Prof. Mohy El Din Abo El soud (Mansoura University),
  Prof. Ahmed Mohamed Hamad (Dean of Faculty of Informatics and Computer Science, British University), and Dr. Mohamed Abd El Azeem (Mansoura University).
- **Bachelor degree**, Electrical Engineering, Faculty of Engineering, Benha University, Egypt, graduated in 2004-2005.
- Occupied the **Second position** over the Department of Computer and **Fourth position** over all faculty graduates, Faculty of Engineering, Benha University
- Overall grade: Very Good.
- Specification years' grade: Excellent.
- **Graduation Project:** Home Automation System, the System was built using 8085 microcontroller (Excellent).

<u>Language Skills:</u>
- Arabic as a mother tongue.
- Very good command of both Spoken & written English.

<u>Work History:</u>
- September 2005 – August 2006:

Educational Institute : Faculty of Engineering, Benha University.

Position   : Demonstrator.

- September 2006 – February 2010:

Educational Institute : Faculty of Computer and Informatics, Benha University.

Position   : Demonstrator in department of computers systems,
                             and lab supervisor.

- February 2010 – Now:

Educational Institute : Faculty of Computer and Informatics, Benha University.

Position   : Assistant Teacher in department of computers systems.

Programming Languages:

- Matlab
- Visual Basic
- VHDL
- HTML
- PHP

Computer Skills:

- Microsoft Windows XP, Microsoft office 2010
- Recognized by the oracle certification program Oracle PL/SQL developer certified associate.
- Web design.
- Photoshop.

Training Experience:

- August 2004:
  Firm   : International Electrical Products.
  Specification : Factory production lines.
- September 2004 :
  Firm   : ICT Professional Services.
  Specification : VHDL.
- August 2005:
  Firm   : High Tech. Center, Faculty of Engineering, Cairo University
  Specification : PC Maintenance.
- January 2007:
  Firm   : Benha University.
  Specification : Methods of scientific research.
- April 2007:
  Firm   : VIRGITECH Training & Technology.
  Specification : Introduction to SQL.

- April 2007:
  Firm   : VIRGITECH Training & Technology.
  Specification : Program with PL/SQL.

- May 2007:
  Firm   : VIRGITECH Training & Technology.
  Specification : Build Internet Applications.

- May 2007:
  Firm   : VIRGITECH Training & Technology.
  Specification : Build Reports.

- May 2008:
  Firm   : Faculty of Engineering, Mnsoura University.

Specification   : VLSI Based Communication Application Design

The Papers Published:

- Mohamed A. Mohamed, Mohy El-Din A. Abou-Soud, Mai S. Diab," Implementation of Fast Digital Watermarking Techniques," International Conference on Computer Engineering and Systems, September, 2008.
- Mohamed A. Mohamed, Mohy El-Din A. Abou-Soud, Mai S. Diab," Fast Digital Watermarking Techniques for Still Images," International Conference on Networking & Media Convergence, March, 2009.
- H.A. Ali, M.A. Mohamed, M.S.El-Sayed, M.S. Diab,"Multiple Objects Tracking Under Occlusions: A Survey," International Conference on Advances In Computing, Electronics and Electrical Technology - CEET 2014.

Personal Data:

Date of Birth : 25/6/1983.
Nationality   : Egyptian.
Gender   : Female.
Marital status : Married.

Personal Skills:

- Ability to work under pressure.
- Ability to learn new tasks quickly.
- Ability to work individually & as an effective team member.
- Excellent communication skills.
- Leadership skills.
- Good in handling problems.