

Mahmoud Ismail Soliman Nazmy

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Education

Cairo University – Faculty of Engineering

Pre-M.Sc. in Electronics and Electrical Communications – Major Communications, 2013 – 2014
GPA: 4/4 (first on class)

Cairo University – Faculty of Engineering – Credit Hours System

B.Sc. in Computer and Communications Engineering – Major Communications, 2008 – 2013
GPA: 3.925/4 (second on class)

El-Helal El-Ahmar Experimental Language School

General Certificate of Secondary Education, 2007 - 2008
Grade: 99.6 %

Honors and Awards

Egypt's Top Student - General Certificate of Secondary Education

July 2008

Ranked the 21st among Egypt's Top Students of the General Certificate of Secondary Education.

Experience

Trainee at Vodafone Egypt

July 2012 - August 2012 (2 months) | Smart Village

Technology Department, Service Management Center "SMC" Sub-department, Core Network Team.

Trainee at Telecom Egypt

July 2011 (1 month) | Maadi Satellite Earth Station

Principles of satellite communication.

Trainee at CIB

August 2010 (1 month) | Nile Tower

- IT Department.
 - Switches and routers configuration.
 - Developed a software program that made dealing with database much faster.
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Academic Projects

Graduation Project: Q-Discovery Drone

Spring 2013

Grade: A+

An autonomous quad-copter that performs object detection and exploring tasks within buildings and caves by developing and integrating the following:

- ZigBee wireless communication system.
- Arduino micro controller platform.
- MultiWii control board.
- Ultrasonic sensors.
- Wireless camera.

RISC Processor

Spring 2012

Designed a simple RISC pipelined processor using VHDL.

Temperature Monitoring and Correction System

Spring 2011

Designed a hardware circuit for temperature monitoring and correction using integrated circuits and software control.

Chatting System

Fall 2010

Implemented a 3 computers chatting system using assembly language and serial port interface.

Logic Gates Simulator

Spring 2010

Implemented a logic gates circuit simulation program using C++.

Elevator Simulator

Fall 2009

Implemented an elevator simulation program using C++.

Skills & Expertise

GSM, C++, Matlab, VHDL, Labview, SQL, Microcontrollers, PLC Programming, Microsoft Office

Great communications skills, Highly motivated self-starter, Situational Leadership

Languages

Arabic

Native proficiency

English

Full professional proficiency

Spanish

Limited working proficiency

French

Limited working proficiency

Interests

Karate (got the brown belt), Swimming, Football