Full Name: Mostafa Ibrahim Elkhalil Mostafa

PERSONAL INFORMATION

Date of Birth:	November 06, 1984
Phone:	+2 44792421
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E-Mail:	mostafa_ebrahim87@yahoo.com
	mostafa.ibrahim@bibalex.org
Current Address:	Obour City, First zone, Section twelve, Building 246
ID Number:	28411060104315
Marital Status:	Married
Military Status:	Exempted

EDUCATION

PhD Computer Science, Helwan University, 2022

Faculty of Computers and Artificial Intelligence

Research Fields: Wireless Sensor Networks, Internet of Things, Bluetooth Low Energy and ESP-NOW Protocols.

Dissertation Title: Bluetooth Low Energy Based Wireless Networks – Implementation Issues and Power Consumption Analysis.

Supervisors: Prof. Dr. Atef Zaki Ghalwash, Dr. Sarah Nabil Abdulkader and Dr. Mohammed Hassan Elgazzar

M.S. Computer Science, AASTMT, 2013

College of Computing and Information Technology

Research Fields: Image Classification, Artificial Intelligence algorithms and Scale Invariant Feature Transform "SIFT" Algorithm

Thesis Title: Large Scale Linear Coding for Image Classification

Supervisors: Prof. Dr. Mohamed Waleed Fakhr and Prof. Dr. Mustafa Abdel Aziem

GPA: 3.5 "Excellent"

Diploma E-Business and E-Learning   Information Technology Institute, 2007

B.S. Computer Science, Zagazig University, 2006

Faculty of Computers and Information

Research Fields: Image Processing, Artificial Intelligence algorithms and Gene Expression Programming

Grade:Very Good

PUBLICATIONS

i.   M. I. Labib, M. ElGazzar, A. Ghalwash, and S. N. Abdulkader, "An efficient networking solution for extending and controlling wireless sensor networks using low-energy technologies," PeerJ Computer Science, vol. 7, Nov. 2021.

ii.   M. Labib, A. Ghalwash, S. Abdulkader, and M. Elgazzar, "Networking solutions for connecting Bluetooth Low Energy Devices - A comparison," MATEC Web of Conferences, vol. 292, p. 02003, 2019.

iii.   M. Ibrahim, O. El-gendy and M. Farouk, "Distributed 3D Object Recognition System Using Smartphones", The 7th International Conference on Information Technology, 2015. Available: 10.15849/icit.2015.0015 [Accessed 19 June 2022].

iv.   M. Labib, M. Fakhr and M. Ali, Large Scale Linear Coding for Image Classification, 1st ed. GERMAN: LAMBERT, 2014.

v.   M. Labib, M. Fakhr and M. Ali, "Large Scale Linear Coding for Image Classification". Ubiquitous Computing and Communication Journal, vol. 8, Issue. 3, p. 1387, 2013.

SCHOLARSHIP

ITI 9 Months Scholarship

EXPERIENCES

- Technical Team Leader- Software Development, Information Technology sector - Bibliotheca Alexandrina
- Multimedia and Virtual Reality Developer in CULTNAT from 1/8/2007.
- Action script instructor in Ministry of Justice   7-2009
- Action script instructor in ITI   9-2008

CERTIFICATES

- **SQL Server 2005.**   "Microsoft"
- **ICDL**

KNOWLEDGE OF LANGUAGES

Arabic Level: Mother Tongue

English Level: Very Good   TOEFL Score: 538

French Level: Basic

PROJECTS

- **Augmented Reality**
  - Mohamed Hassanein Heikal AR Gallery " Bibliotheca Alexandrina"
  - Child Academy Teach me Series "Apple store and Play store"
  - Smart Letters Oasis "Google Play store"
  - "Google Play store" واحة الحروف الذكية

- **Virtual Reality**
  - Holoman – Hologram application " Administrative management"
  - Tutankhamun Mask - Hologram application "Egyptian Museum"
  - Selim Hassan Artifacts - Hologram application

- **CULTURAMA "9 Screens Panoramic View"**
  - Sadat Culturama
  - Elmo's Street Culturama
  - Congo Culturama
  - Cairo university Culturama
  - Dendera Culturama
  - Luxor Culturama
  - Edfu Culturama

- **CD & DVD**
  - The Ministry of Awqaf CD
  - The Meet of Clouds CD
  - Collection DVD of Prince Youssef Kamal
  - Arabic Papyrus CD

- Zodiac of Dendera DVD
- Mohamed Ali Club CD
- Cartographic CD

- **Desktop Application**
  - CULTNAT Project Room 9 Applications
  - Login and Subscription System Hot Power Gym
  - Cashier System to Elmaleeh Restaurant
  - Cashier System to CultNat Cafeteria
  - Cashier and Stocks System to NEO Coffee Shop

- **Others**
  - Azhar Time line Web Component
  - Image Classification System
  - Face Detection System
  - Speech recognition System
  - Image Restoration System
  - Crypto System
  - Crypto Image Systems
  - Connect4 Game
  - Puzzle Game
  - Memory Game
  - Intranet chatting Program
  - Kids e-learning program
  - Courseware احكام التجويد
  - Courseware بداية

IMPORTANT COURSES COVERED

- **Analysis and Design**
  - Project Management
  - Software Engineering

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- Advanced Software Engineering
- Object Oriented Analysis and Design.

- **Programming Language**

  - C Language.
  - C++ Language.
  - C# Language.
  - JAVA Language
  - Assembly language
  - Action Script multimedia programming Language.
  - Lingo multimedia programming Language.

- **Database**

  - Database Concepts
  - SQL Server 2000
  - SQL Server 2005

- **Web**

  - HTML
  - XML
  - Java Script
  - ASP .NET2
  - Servlet & JSP

- **Multimedia**

  - Photoshop
  - Adobe Flash
  - Adobe Director
  - Audition

- **E-Learning**

  - E-Learning Fundamental
  - IBM Content Producer
  - IBM Simulation Producer.
  - IBM workplace Collaboration Services Administration
  - IBM Lotus Sometime Administration
  - IBM Portal Administration
  - Instruction Design

- **Other**

  - Data Structure
  - Artificial Intelligence
  - Neural Network
  - Computer Networks.
  - Parallel Computing.
  - IBM Rational Application Developer "RAD"

OPERATING SYSTEM PLATFORM

- Windows XP
- Windows Server 2003
- Unix   Command
- Linux Ubuntu - Arabian - Fedora - Red Hat