

Mohammed El-Said Mohammed Moussa

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Personal Data

Address: Cairo - Egypt.

Date of Birth: 14th Jan. 1986

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<http://www.SmartPharaohs.com> [Business]

Jobs History

09/2005 – Present **Teacher Assistant** at Faculty of computers & information - Helwan University - Computer Science department.

02/2008 – Present **IT Consultant** at Nile Company for consumer complexes.

Awards

- February 2012: **First Place Award** in **Microsoft Egypt phone camp** which held in Fairmont Heliopolis Hotel, Cairo, on 22, 23 Feb 2012, (Corporate Social Responsibility Competition) for the program "**Literacy Helper**" which targets the Literacy Cause by allowing any one who can't read, to hear any text he/she wants to read just by taking a photo to it using his/her camera in his/her windows phone 7 mobile. [using Visual Studio 2010 + Windows phone 7 SDK]. Prize: "**Xbox 360 with Kinect**"
- May 2012: **First Place Award** in **Microsoft Windows Developers Conference** which held in Four Season Hotel, Cairo, on 14, 15 May 2012, (Corporate Social Responsibility Competition) for the program "**Children Education Helper**" which targets the Education cause by allowing two children to enhance their mathematical abilities by competing together using windows 8 slate to solve mathematical puzzle game. [using Visual Studio 2012 Beta + Windows 8 Platform]. Prize: "**Samsung Netbook**"

Objectives

- Working as a **Researcher** in Data Science field.
- Working as a **.net Developer** for Desktop and Web Applications.
- Working as **Android Developer** using Hybrid technologies HTML / JS / CSS
- Working as an **Instructor** for programming related courses like C / C++ / C# / ASP.NET / HTML / Java Script / CSS
- Learning, Developing, and Teaching new areas, technologies, and tools related to the field of computer science and programming.

Instructing Experience

- More than **1300 hours** of teaching courses out of the faculty hours, including:
 - C / C++
 - C#
 - VB.NET
 - ADO.NET
 - ASP.NET
 - SQL Server
- **New Horizons Computer Learning Centers**
- **ORASCOM Telecom**
- **WAN Training Center**



- **Ministry of Military Production**
- Faculty of computers and information - Helwan University for **vacation and summer courses**

Developing Experience

- **Summer 2003, Summer 2004, and From 01/08/2005 To 31/12/2005:**



Software developer at **SHADI Systems**, www.shadisys.com.eg

Applications

- Desktop Applications
- Pocket PC / Tablet PC Applications
- Web-Based / Web-Enabled Applications

Tools used

- Visual C#. Net
- SQL CE, SQL SERVER
- ADO.NET and ASP.NET

- **March 2014 till November 2014**

Part time Software Consultant at ThirdWayv Inc. (Cairo branch), for many **desktop, iPhone** Applications using C# / Xamarin



- **Jan 2006 till present**

Freelance software developer for many **Desktop, Web-Based, Web-Enabled, Android** Applications using:

- Visual Studio.Net [2005, 2008, 2010, 2012, 2013, 2015, 2017] – [C# and VB.Net]
- SQL Server [2005, 2008, 2012, 2014]
- ADO.NET and ASP.NET
- WordPress, Joomla
- Image Processing using MATLAB

Kindly check [Business Projects](#) Section for more details

Languages Spoken

- **Arabic:** Native Language.
- **English:** Very good written and spoken.

Educational History

- **Jan 2014:** **Pre-PhD in Computer science**, Faculty of computers & information - Helwan University.
- **June 2012:** **Master in Computer science**, Faculty of computers & information - Helwan University. Thesis title: "Automated Periodontal Diseases Classification System"
- **2005-2006:** **Pre-Master in Computer science**, Faculty of computers & information - Helwan University, **78.7%**, "The order is **the third**".
- **2001-2005:** **BSc in Computer science**, Faculty of computers & information - Helwan University. With **Excellent** Grade **88.1%** with **Honor Degree**, "The order is **the first**".
- **1998-2001:** El-Tapary Secondary School-Roxy-Cairo **96.1%**.
- **1995-1998:** El-Tapary Preparatory School-Roxy-Cairo **96.4%**.
- **1990-1995:** El-Shark Primary School-Hadaek Elkoba-Cairo **97.3%**.- **The First** in the school

Technical Skills

ASP.net	AJAX	HTML/XHTML	Java Script
CSS	Visual C# .Net	Visual Basic .Net	ADO .Net
SQL Server	C/C++	Java	MATLAB
Managed DirectX / XNA	Xamarin	Apache Cordova	Python

Theoretical knowledge

- Object Orientation Concepts
- Database concepts and Database programming
- Web programming using ASP.Net – AJAX
- Using of CMS – Content Management Systems – Applications like Joomla, WordPress.
- Data Structure Algorithms and Artificial Intelligence Techniques
- Image Processing Techniques
- Ability to UNDERSTAND and MODIFY prewritten code (code written by others)

PhD Thesis

- **Title:** Sentiment Analysis Approach for Social Media
- **Category:** Natural Language Processing
- **Keywords:** Sentiment Analysis, Opinion Summarization, Social Media Analytics.
- **Description:**
 - Four approaches for dealing with sentiment analysis task:
 1. Lexicon-based approach with 81.62% accuracy.
 2. Hybrid (Lexicon-based + Machine Learning) with 91.38% accuracy.
 3. Hybrid (Lexicon-based + Machine Learning + Semantic) with 92.81% accuracy.
 4. Hybrid (Lexicon-based + Deep Learning) with 100% accuracy.
 - Abstractive Opinion Summarizer, that mixes sentiment analysis with abstractive summarization.
- **Publications:**
TBA
- **Tools:**
Python, Scikit-Learn, Keras, TensorFlow
HTML, JS, CSS

Master Thesis

- **Title:** Automated Periodontal Diseases Classification System
- **Category:** Medical Image Processing
- **Keywords:** Biomedical Image Processing, Digital Image Analysis, Epithelium Segmentation, Feature Extraction, Nuclear Segmentation, Periodontal Diseases Classification.
- **Description:**

An efficient and innovative system for automated classification of periodontal diseases, by using knowledge from the patients' clinical data, along with the features automatically extracted from the Haematoxylin and Eosin (H&E) stained microscopic images.

The proposed system uses image-processing techniques based on color deconvolution, morphological operations, and watershed transforms, and Feedforward Backpropagation Artificial Neural Networks for the classification process.

The proposed system reports 100% classification accuracy in correctly identifying the different periodontal diseases observed in the used 30 samples dataset.
- **Publication:**

Aliaa A. A. Youssif, Abeer Saad Gawish, Mohammed Elsaid Moussa, "Automated Periodontal Diseases Classification System," International Journal of Advanced Computer Science and Applications (IJACSA), New York, USA, vol. 3, no. 1, pp. 40–48, January 2012.

<http://thesai.org/Publications/ViewIssue?volume=3&issue=1&code=IJACSA>
- **Tools:**
MATLAB 7.11.0 (R2010b)

Graduation Project

- **Title:** Smart Business Office “SBO”
- **Category:** Project Management & Workflow Automation System
- **Components**
 1. Smart Planner
 2. Smart Flow Organizer
 3. Smart Collaboration Center
- **Description:**

SBO is a framework consists of integrated tools working together to plan, track and organize organizations' phases in effective and efficient way, and integrate all organization's departments to achieve best performance and manage all resources with optimal cost and time.
- **Tools:**

Visual C#.Net 1.1, ADO.Net (C# 1.1), ASP.Net (C# 1.1), SQL Server 2000
- **Grade:** Excellent

Some Business Projects

- **Smart POS**

A Complete package for Point-of-Sale, currently working in more than 45 different branches of Nile Company for consumer complexes, connected together to the main branch in Nasr City, sharing centralized database; Also working in Al-Amin for Printing and Publishing, Felepco for Cars Accessories, & Wadi Food for selling some food products; Visual Studio 2010, SQL Server 2005, C#. *For more info, kindly visit <http://www.smartpharaohs.com/smart-pos.aspx>*
- **Smart Accountant System**

A Complete package for Accountants, Including Sales, Purchases, Stocks, Suppliers, Customers, Stocks, & Accountants; Currently working in 3 different locations in Cairo, Hurghada; Visual Studio 2008, SQL Server 2005, C#. *For more info, kindly visit <http://www.smartpharaohs.com/smart-accountant-system.aspx>*
- **Smart Broker**

A Program to handle all the data required by real estate brokers, customers, owners, estates, and contracts, currently working in 2 different locations in Cairo; Visual Studio 2008, SQL Server 2005, C#. *For more info, kindly visit <http://www.smartpharaohs.com/smart-broker.aspx>*
- **Smart Employees Fund**

A Program to handle all the data required by companies, to record their employee's data, with their financial issues, fund contributions, payment of subscriptions and so on. Currently working in Misr for Tamier Company in Cairo; Visual Studio 2008, SQL Server 2005, C#. *For more info, kindly visit <http://www.smartpharaohs.com/smart-employees-fund.aspx>*
- **Smart Employees Evaluator**

A Program to handle all the evaluations, qualifications, accomplishments, awards of the employees. Currently working in The Ministry of Social Affairs and Labor in EI-Kuwait; Visual Studio 2015, SQL Server 2012, C#.
- **Smart Contracts Organizer**

A Program to handle all the contacts, installments, visits, employees, technicians, for pest control companies. Currently working in Ghina for Pest Control and Termite Treatment in Saudi Arabia; Visual Studio 2015, SQL Server 2012, C#.
- **Smart Payroll**

A Program to handle all Payroll related data, such as Employees data, branches, jobs, salaries, taxes, attendance, vacations, and permissions. Currently working in Mas Company in Cairo; Visual Studio 2010, SQL Server 2005, C#.
- **Smart Transporter**

A Program to handle all transportation related data, such as Clients, Cars, Drivers, Transportation Contracts & Sheets, and all related statements. Currently working in El-Zafer Company in Cairo; Visual Studio 2012, SQL Server 2008, C#.

- **Smart Financial Backer**

A Program for Reefy Company for Micro-finance projects, to handle the visits of employees, and the state of loans, with a lot of reports, views, and privileges, working in a lot of branches in a lot of cities inside Egypt; Visual Studio 2008, SQL Server 2005, C#.

- **Smart Seller**

Accounting program to manage sales, expenses, items, customers, and stock with networking capabilities using VB.Net 2005, and MS Access, this program is working in gallery for Decorative pieces and furniture archeological.

- **Smart Mixer**

A program to manage all data related to the mixer company like clients, drivers, cars, mixture types, and records, and generates reports about all detailed and totaled information. Using VB.Net 2005, and Access, this program integrates with the mixture machine's SKADA program

- **License Plate Recognition**

A System for recognizing Cars License Plate Numbers using MATLAB

Some Websites

I developed / designed / hosted a lot of web sites, for personal and business purposes, including the following:

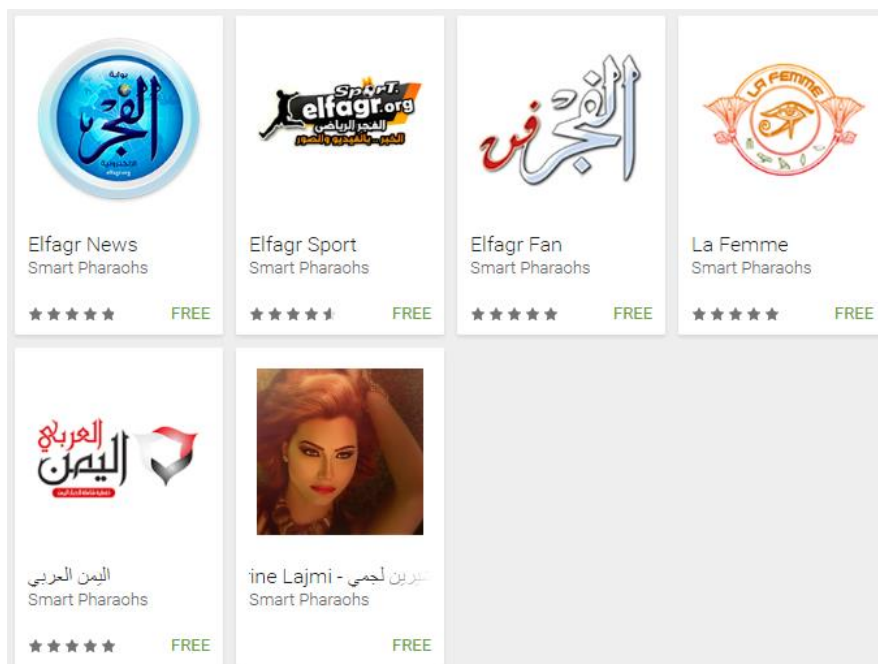
SmartPharaohs.com	شركة سمارت فاروس
eyeoncinema.net	مجلة عين على السينما
ForbesEg.com	مجلة فوربس إي جي
El-Thawra.com	الموقع الإخباري بوابة الثورة
ShoofSport.com	الموقع الرياضي شوف سبورت
smileysgrill.com	سلسلة مطاعم سمايلز جريل
ismailiafilmfest.com	مهرجان الإسماعيلية للأفلام التسجيلية والقصيرة
ghina-sa.com	شركة غنى لمكافحة الآفات والحشرات والنمل الأبيض - المملكة العربية السعودية
bookstore.kalila-dimna.com	مكتبة كليلة ودمنة
competition2013.kalila-dimna.com competition.kalila-dimna.com	مسابقة المصري الصغير الخاصة بمكتبة كليلة ودمنة ٢٠١٣، ٢٠١٤
egcreativemart.com	شركة إي جي كرييفت مارت
bahroegy.org	مرصد الموازنة العامة وحقوق الإنسان
hideleco.com	شركة السد العالي للمشروعات الكهربائية والصناعية هايدليكو
GroupmnProtection.com	شركة بلس سيكيوريتي للخدمات الأمنية
chandelierart-eg.com	المصنع الحديث لفن النجف
misr-tameer.com	شركة مصر للتعمير
sphinxindustry.com	شركة سفينكس إنداستري
elbataltransport.com	شركة البطل لنقل وتغليف الأثاث
shehatatransport.com	شركة شحاتة لنقل وتغليف الأثاث
elhamdtransport.com	شركة الحمد لنقل وتغليف الأثاث
elmnahrytransport.com	شركة المناهري لنقل وتغليف الأثاث
alkhattab.furniture-transport.com	شركة الخطاب لنقل وتغليف الأثاث

MahmoudElekiaby.com	مركز الدكتور محمود الإكياي لجراحات السمنة المفرطة
Smart-Top-Management.com	شركة سمارت توب مانجمنت للصيانة الوقائية
forex.Smart-Top-Management.com Smart-Top-Management.com/youtradeFx	شركة سمارت توب مانجمنت للفوركس
igroup-realestate.com	المجموعة الدولية للتسويق العقاري
teiba-eg.com	شركة طيبة لتصدير وتجارة الحاصلات الزراعية
saftagribia.com	مدرسة الصف التجريبية لغات
ajial-alzarqaa-school.com	مدارس أجيال الزرقاء بالمملكة العربية السعودية
pharaohshipping.com	فاروس شيبينج للخدمات البحرية
skmic.net	سكيميك للخدمات البحرية
mohammed-elsaid.tk	الموقع الشخصي

Android Apps

I developed / designed some Android apps using Apache Cordova [HTML / JS / CSS], they are published on Google Play in the following URL:

<https://play.google.com/store/apps/developer?id=Smart%20Pharaohs>



Some Personal Projects

- Smart Table Maker**
 Program to handle the teaching load distribution for the faculties, with conflicts detection, and a lot of reports for students, assistants, lecturers, labs, and subjects, with the ability for publishing all the reports to the internet
- Smart Observers Organizer**
 Program to handle the assigning of exams observations sessions over the assistants and employees, with a friendly user interface and generalized reports.
- CSharp Scratch Pad**
 Program to serve as a scratch pad for testing simple C# code, without the need to creating a dummy console application, working with all versions of .net framework, and supports all the C# code, with code coloring, folding, and auto completion.

- **UnzipWebSite**

A simple web application used in unzipping the web site contents, very useful for cases when uploading web sites with a lot of files, when the hosting server doesn't include feature for dealing with archiving/un-archiving web site contents

- **Virtual E-Learning University**

Web-based software package to be used by college's professors, students, and faculty stuff; The professors will use the package in registering, adding the courses' materials, bank of questions according to the course's level and to follow up the registered students. The students will use the package in the registration, learning the courses and to be quizzed and evaluated online using the **Exam Online Engine**. The faculty stuff will use the package to add new courses, assigning it to approved professors, putting all information necessary for courses (Course Keys, maximum allowed time, and maximum exam tries, etc...

- **The Reminder**

Program for alarming purposes with advanced alarming options like At Certain Time, After Certain Period of Time, at next Login, Before Shutdown, or when connected to the internet. With notification window like MSN, and friendly user interface, Using Visual C#.Net "Current Version is 1.0 Beta"

- **Database Attacher**

Program gives you the capabilities of attaching and detaching your database with a friendly user interface, there are 2 versions:

- Windows version: can be used in the setup packages on the application CD.
- Console version: copies the database from the CD to the client hard disk, detaches the old versions if exist and attaches the new version according to the user parameters in the INI file, with silent mode possibilities.

Using Visual C#.Net "Current Version is 2.4" – Working with both SQL Server 2000 and 2005

- **Time Sheeter**

Program for part time employees, allowing entering of coming and leaving times, with reports for each month, graphs, comparisons between total and average times, Using Visual C#.Net "Current Version 1.2"

- **Games**

- **Sudoku Solver:** A Program to solve the Sudoku puzzles, Using Visual C#.Net "Current Version 1.0"
- **Minesweeper:** A famous Minesweeper game with almost all capabilities in Microsoft Minesweeper, Using Visual C#.Net "Current Version 1.0"
- **Snake Game:** 2D Snake game with levels, mazes, and 2 players support, using VB.Net "Current Version 2.3"
- **15-Square Game:** 15-Square puzzle game, with ability to play with any images at the player's PC, Using Visual C#.Net "Current Version 2.2"
- **Tetris:** Tetris game with levels and sounds, Using Visual Basic.Net "Current Version 1.3"
- **Master Match:** Classic Master Match game, supporting 2-Players Via-Network
- **XO Game:** Classic XO game with 2-Players Via-Network
- **Car Racing:** A simple Car Racing game using Managed DirectX with Visual C#.Net 2005 for teaching purposes

➤ **Note:**

- You can see and download most of the personal projects from this web site <http://www.Mohammed-Elsaid.tk>, also you can find a lot about the business projects in this web site <http://www.SmartPharaohs.com>