



# MAHMOUD EL-SAHHAR

## Personal information

**Birthdate**

18/12/1998

**Gender**

Male

**Residence**

Ahmed Orabi compound, Obour city, Cairo Governorate

**Nationality**

Egyptian

**Military Status**

Exempted

## Contact

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## Profile

Mahmoud Hazem is an energetic, ambitious person who follows a mature and responsible approach in all tasks he undertakes, and wisely handles any situation he faces.

## Experience

● 2018 - 2020

**Misr International University**

Co-Teaching Assistant, Cairo

I was approved by the university's staff to work as a co-assistant along with our faculty Teaching-Assistants in the practical labs of some courses including "Object-Oriented Programming", "Data Structure", "Introduction to Programming II", and "Image Processing".

● August 2019

**Emirates NBD**

IT Department, Cairo

A Summer Internship Program whose target was to get familiar with the IT responsibilities in the banking sector.

● August 2017

**Misr International University**

Interactive Vision Lab, Cairo

Developed an airline management system demo.

● July 2017

**IT-Blocks**

Content Editor, Cairo

Was responsible for editing content of "One Time Sat", a website for practicing SAT exams.

## Education

● 2016 - 2020

**B.Sc. in Computer Science**

Misr International University, Cairo

GPA: **3.45** (Graduated with honors)

Graduation project grade: **A**

● 2013 - 2016

**High School British Curriculum**

Al-Rowad International School, Riyadh

Studied at "AIS" (Riyadh – Saudi Arabia)

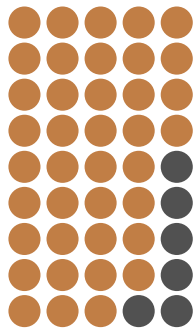
according to British curriculum "IGCSE".

Grade: 97.25%

## Technical Skills

### Languages

C++  
Java  
SQL  
HTML  
Python  
Java (Android)  
PHP  
CSS  
Javascript



### Skills

#### Computer Skills

MS Office  
Photoshop



#### Languages

Arabic  
English  
Spanish



## Academic Publications

### CASCADED ARCHITECTURE FOR CLASSIFYING THE STAGES OF DIABETIC RETINOPATHY

Omar Khaled, Mahmoud Hazem, Mohamed Alaa El-dine, Youssef Talaat, Yomna M.I.Hassan, Alaa Hamdy | 2020

This paper was written as part of our graduation project with the assistance of our supervisors. The paper was reviewed and accepted for publication in the ICSIE 2020 conference.

## CERTIFICATES

### MIU Certificate of Achievement - 2019



Got certificated for distinguished performance in academic activities on the scientific day 2018/2019 of the faculty of computer science.

### Emirates NBD Future Intelligence Program - 2019



Won the audience choice award at the competition for the idea "Real-time Face Recognition".

### MIU Cybersecurity CTF Competition - 2018



Achieved the third place in the competition which consisted mainly on solving several problems related to cyber security.

### Certificate for honor students - 2018



Was chosen as one of the three top achievers in the faculty of computer science to receive the certificate of honor.

### Ceaser Cyphering and HashMap Encryption - 2017



Winner of the Encryption/Decryption challenge in which we encrypted a text file using different algorithms to keep the data secured.

### Card Game using Java - 2017



Winner of the card game challenge, the main target was creating a single and multiplayer card game with a user interface and some graphics.

## PROJECTS

### PICK & GO

**Mobile Development Course | November - 2019**

Android mobile application used for smart shopping to improve the customers shopping experience using Firebase technologies.

**Source Code:** <https://github.com/MahmoudEISahhar/PICK-GO>

### ERP MANAGEMENT SYSTEM

**Automationology Inc. | September - 2019**

Web-based application which includes an interactive employees portal for all departments (Sales, HR, Finance etc.) to automate their work process. Development and testing process took a duration of 4 months.

**Website Link:** [www.automationology.org/](http://www.automationology.org/)

## **ONLINE E-COMMERCE WEBSITE**

**Kaftan Couture Shopping Store | May - 2019**

E-commerce website that enables the customers to preview and buy products online. The project was built with the aid of an open source E-commerce websites.

**Website Link:** [www.kaftanegypt.com/](http://www.kaftanegypt.com/)

## **SCHOOL MANAGEMENT SYSTEM**

**Al-Gazira Language School | February - 2019**

Web-based application that enhances the interaction between the students, teachers, and the school administration. The project is almost complete and ready to be implemented at the school at anytime.

**Source Code:** <https://github.com/MahmoudEISahhar/SCHOOL-MANAGEMENT-SYSTEM>

## **DENTAL CLINIC MANAGEMENT SYSTEM**

**Web Programming course project | December - 2018**

Developed a website for enhancing the management of a dental clinic and improving the interaction between patients and doctors. The website was developed using HTML, CSS, PHP, Javascript, SQL, and used phpmyadmin as a database.

**Source Code:** <https://github.com/MahmoudEISahhar/DENTAL-CLINIC-MANAGEMENT-SYSTEM>

## **VOYA**

**VOYA (startup team) | July - 2018**

Joined a startup team and was responsible for developing their mobile application, I took place in the development of its first android version. Voya is carpooling mobile application which eases people's transportation with the least cost. This application is now available on google play store.

**App Link:** <https://play.google.com/store/apps/details?id=codes.devslab.voya&hl=en>

## **MIU SMART BUS**

**Misr International University | March - 2018**

Android mobile application that allows the students and the university to track their buses live on the map and be able to determine its estimated arrival time.

**Source Code:** <https://github.com/MahmoudEISahhar/MIU-SMART-BUS>

## **STRATEGY GAME**

**OOP course project | December - 2017**

Java desktop application similar to "Age Of Empires" game using OOP concepts.

**Source Code:** <https://github.com/MahmoudEISahhar/OOP-STRATEGY-GAME>