Omar Yasser Maher

6th Of October Sheikh Zaid - **E-mail:** Omar.Yasser.Maher@gmail.com

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216 Floor 2 Apartment 9

# Cairo University, Faculty of Engineering, Computer Engineering

EDUCATION

**High School:**

Royal International Language Schools

Giza, Egypt

# College:

Graduation Year: Spring 2019

Cumulative GPA: 3/4

# Experience:

1month training at IBM with the Operating system team (AIX) during summer of 2017

# COMPLETED COURSES:

* **Introduction to MATLAB:** Introduction to Programming using MATLAB programming language.
* **Data Structure and Algorithms:** Complexity analysis, Elementary data structures. Trees and Sorting algorithms.
* **Object Oriented Programming:** Classes, inheritance, basic coding.
* **Database Systems-1:** Introduction to database systems. Architecture for a database system.
* **Operating System:** Operating system structures and services. System calls.
* Process Management. Memory Management.
* **Microprocessors-1:** Introduction to assembly language.
* **Microprocessors-2:** Designing machines using Arduino.
* **Logic-**Design2: Designing digital circuits using Verilog
* **Design and Analysis of Algorithms:** Deep analysis of some algorithms (recursion, trees, etc..).
* **Computer Networks-1:** Introduction network layers, protocols etc...
* **Software Engineering:** Handling many aspects of real life project as documentation, real practical project, design patterns.
* **Computer Architecture:** Deep learning on how processors work.
* **Advanced Programming Techniques:** Handling many different subjects about programming.
* **Languages and Compilers:** Learning how Compilers work , how to create your own language.

INTERESTS Interested in learning how to apply academic material in practical life and to learn about

the best practice of the IT business.

REFERENCES References available upon request.

LANGUAGE **Arabic** Home tongue

**English** Very good

**French** Fair

DESIRED Preferably after Ramadan.

TRAINING

PERIOD

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