



Marwan Atef El-Shafey

General Information:

Birth Date: October 28th, 1995.

Gender: Male.

Nationality: Egypt.

Contact Information:

Address:

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❖ Education:

- ✓ Graduated from computer science at **MIU** Misr International University 2014-2018
- ✓ Secondary education graduated from el-Nasr English School in Cairo.

❖ Primary Skills:

- ✓ Capable of working well under pressure
- ✓ Organizational skills
- ✓ A meticulous and methodical nature
- ✓ Technical skills
- ✓ Enthusiasm to be continually learning
- ✓ Communication skills
- ✓ Patience
- ✓ A logical mind
- ✓ Interpersonal skills

❖ Computer Languages:

- ✓ C++
- ✓ C
- ✓ CSS
- ✓ PHP
- ✓ JAVA
- ✓ HTML
- ✓ JAVA Script
- ✓ PYTHON

❖ Most Important Academic courses:

- ✓ Data Structures & Algorithms
- ✓ Object Oriented Programming
- ✓ Database Management Systems
- ✓ Operating Systems
- ✓ Computer Networks I
- ✓ Software Engineering
- ✓ Image Processing
- ✓ Human Computer Interaction
- ✓ Mobile Device Programming
- ✓ Machine Learning
- ✓ Parallel Programming
- ✓ Digital Logic Design
- ✓ Computer Organization
- ✓ Algorithms Analysis & Design
- ✓ Computer Graphics
- ✓ Web Development
- ✓ Big Data
- ✓ Artificial Intelligence I
- ✓ Data Mining
- ✓ Computer Networks II
- ✓ Compiler Design

Achievements:

❖ **Training:**

- Summer Training at Orange Business Services OBS. (Network and cloud computing)
- Summer Training at Egyptian Life Takaful Company GIG. (Network)

❖ **Courses taken:**

- Cisco Certified Network Associate (CCNA)

❖ **projects:**

- Hotel reservation system. JAVA
- School management system included (EER diagram, description, schema, normalization, views, triggers, queries). WAMP (PHPMyadmin)
- Moving and dancing robot. WebGL
- Chatting System using socket programming handling TCP and UDP usage. Java
- Selling and Buying cars and all its accessories and spare parts. Web
- Medical Company employees monitor, task distributer and schedule maker. Java
- Image Cryptography. OpenCV C++
- Chess for single or multiplayer using AI algorithms. Python
- Learn English easy with Human Computer Interaction (HCI) approach. Androd APP
- Photo Viewer and Editor. Andriod APP
- Text mining and classification on twitter's tweets. Python
- Recommender Book reader using Machine learning. Pyhon, Django

❖ **Graduation Project (NET-DPI):**

- NET-DPI: Network monitoring Using Deep Packet Inspection and Deep Learning Classification
- Most of companies give to their employees limited access to the internet because of their behavior using it to save its resources. But at the same time they might use the internet to browse on some materials that may help them finish their tasks in more intelligent way. This is what NET-DPI do is to give the users ability to browse things that only related to their organization.