

Andrew Melad

Software Engineer

Madinaty-Cairo/Egypt

PERSONAL INFORMATION

Military Status: **Exempted**

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YouTube Channel: <https://www.youtube.com/@fun4gaming371/videos>

PROFESSIONAL SUMMERY

I have a bachelor's degree in computer science, which has provided me with a solid foundation in software development, programming languages, and database management. My coursework has equipped me with technical expertise and strong problem-solving skills. This combination enables me to tackle complex technological challenges with confidence.

Education

Bachelor of Computer Science, Modern Sciences and Arts University (MSA), Greenwich University (Dual Certificate), 2.93

09/2019: 07/2023

WORK EXPERIENCE

- **Software Development intern** - HITS Technology – 08/2022: 09/2022
 - Writing database queries using SQL and Microsoft SQL server.
 - Generate reports using RDLC reporting tool supported by Microsoft SQL server.
 - Implement CRUD operations using ASP.NET core framework.
 - **Sales Broker** – The Assets – 09/2023: 011/2023
 - **Photographer & Graphic Designer** – Kodak – 09/2024: till now
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PROJECT

- **Graduation Project, 2023, [GitHub](#)**

My graduation project was about generating scientific paper titles automatically using machine learning, deep learning, and natural language processing (NLP) to assist individuals in creating effective and relevant titles for their research and academic content.

- **DIS Website, Present**

Website for Digital innovative Solutions company using Laravel MVC.

- **3D Project, 2023, [GitHub](#)**

The 3D project was about a small game of 3D map and 3D square which was moving along the map.

- **Security, 2023, [GitHub](#)**

The security project focused on implementing encryption and decryption processes for four fundamental cryptographic algorithms: DES, AES, RSA, and ElGamal.

- **Data Mining, 2023, [GitHub](#)**

This project was about performing large and relevant mathematical operations on a large zoo dataset.

- **Music APP, 2023, [GitHub](#)**

- **Quiz APP, 2023, [GitHub](#)**

- **3D Project, 2022, [GitHub](#)**

The 3D project was about Zuma game.

- **Network, 2022, [GitHub](#)**

The network project was about a design of data and surveillance for building G in the university with Visio. The G-building at the university aims to create a secure, efficient network for easy data exchange between floors, saving time and energy for classes and labs.

- **Library, 2021, [GitHub](#)**

The project focuses on a library system using an ERD (Entity-Relationship Diagram) to manage member book borrowing, returns, and fines, with staff overseeing the process.

- **2D Project, 2021, [GitHub](#)**

The 2D project was about a small game of two levels with C# which includes hero, enemy crafts, meteors, doors, birds, bridge, fires, planets, snakes, and elevator.

- **Magazine Project, 2020, [Google Drive](#)**

SKILLS

- **Databases**

- Excellent knowledge of DML and DDL Statements
- Structured Query Language (SQL)

- **Computer**

- Excellent knowledge of MS office
- **Programming Language**
- C++ - C#.NET - HTML – CSS – JavaScript

- **Language**

Arabic: Fluent English: Good

- **Personal**

- Good presentation skills
 - Good time management
 - Teamwork
 - Problem solving
 - Video editor (Adobe Premiere Pro)
 - Graphic designer (Adobe Photoshop)
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COURSES

Full Stack Diploma (React - Laravel), 11/2024, Present
Oracle SQL, 2023 (3 hours, 50 minutes)
Database Fundamentals, 2023 (2 hours, 47 minutes)
Web Development from SYNC INTERN'S, 2023 (1 Month)
Python Programming Basics, 2023 (1 hour, 38 minutes)
DML Statements, 2023 (1 hour)
Huawei HCIA-Security Learning Course, 2022 (5 days)
AWS Academy Graduate - AWS Academy Cloud Foundations, 2022 (20 hours)
Scrum Fundamentals Certified (SFC), 2022
CS 301 course, 2021

AWARDS AND CERTIFICATES

- Oracle SQL, 2023
- Database Fundamentals, 2023
- Web Development from SYNC INTERN'S, 2023
- Python Programming Basics, 2023
- DML Statements, 2023
- Huawei HCIA-Security Learning Course, 2022

- AWS Academy Graduate - AWS Academy Cloud Foundations, 2022
- Scrum Fundamentals Certified (SFC), 2022
- CS 301 course, 2021

ACTIVITIES

- **Google Developer Student Club (GDSC) Core Team Member**

- Intro to ML: Image-Processing. ○ Intro to ML: Language Processing. OK Google: Build Interactive Apps with Google Assistant. ○ Google Cloud Essentials. ○ Workspace Essentials.
- Exploring APIs.

- **MSA Hero**
